

**Brownfield
Site Assessment Report
Former Willard Industries Facility
101 New Bern St.
Charlotte, North Carolina**

H&H Job No. BHC-127

June 6, 2006



Hart & Hickman, PC
2923 S. Tryon Street
Suite 100
Charlotte, NC 28203

704
586-0007 phone
586-0373 fax

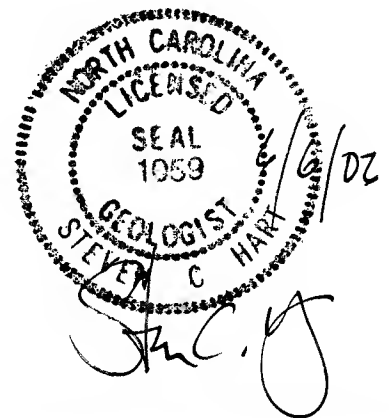


Table of Contents

<u>Section</u>	<u>Page No.</u>
1.0 Introduction and Background	1
1.1 Brief Site History.....	1
1.2 Brownfield Process.....	1
2.0 Summary of Area Receptors.....	4
3.0 Sampling Activities.....	7
3.1 General Field Practices.....	7
3.2 Soil Sampling	8
3.3 Monitor Well Installation and Sampling.....	9
4.0 Sample Results and Discussion	11
4.1 Data Review, Verification and Validation.....	11
4.2 Soil Analytical Results	12
4.3 Ground Water Results	13
4.4 Summary.....	15

List of Tables

Table 1	Well Construction Details
Table 2	Soil Analytical Detections
Table 3	Ground Water Analytical Detections
Table 4	Ground Water Field Parameters Summary

List of Figures

Figure 1	Site Location Map
Figure 2	Site Map
Figure 2	Ground Water Elevation Contour Map
Figure 3	Ground Water Detections Above North Carolina Standards

List of Appendices

Appendix A	DENR Further Assessment Requirements Letter
Appendix B	Monitoring Well Boring Logs and Well Construction Records
Appendix C	Laboratory Analytical Data
Appendix D	DENR Brownfields Area Reconnaissance and Receptor Survey Guidance Form

**Brownfield Site Assessment Activities
Former Willard Industries Facility
101 New Bern St.
Charlotte, North Carolina**

1.0 Introduction and Background

Hart & Hickman, PC (H&H) has completed Brownfield Site Assessment activities at the former Willard Industries facility located at 101 New Bern St. in Charlotte, North Carolina. A site location map is provided as Figure 1 and a site plan is included as Figure 2.

1.1 Brief Site History

The site was formerly used from the late 1930s to the early 1980s as a secondary lead smelter. At a secondary lead smelter, lead and lead alloys are produced from lead-bearing scrap metal. Raw materials used in secondary lead smelting may include scrap automobile batteries, wheel balance weights, pipe, solder, drosses, and lead sheathing. From the early 1980s to 1996, the site was used for the production of lead products such as lead flashing and boat keels. The site has primarily been vacant since 1996 although portions of the site have been leased for various purposes such as car repair, a cabinet company, and storage of blown insulation.

1.2 Brownfield Process

In April and May 2005, Hart & Hickman, PC (H&H) obtained historical documents concerning the site to evaluate potential areas of environmental concern. These activities included reviewing files at the North Carolina Department of Natural Resources (DENR) Division of Waste Management offices in Raleigh, NC and reviewing historical aerial photographs and Sanborn fire insurance maps. In May 2005, H&H advanced 25 soil borings at the site to evaluate the nature and extent of potential lead impacts in soil. The locations of the soil borings, labeled GP-1 through GP-25, are indicated in Figure 2. The results of the soil sampling indicated the following:

- Lead impacted soil is present in the central and southern portions of the site which is associated with the presence of slag in fill soil. This soil is limited to the upper 2 ft in the central portion of the site and increases in thickness to the south to greater than 10 ft. This appears to be consistent with filling of the lower southern portions of the site over time to create a more level site topography.
- Relatively lower concentrations of lead in less widespread areas are present in soil in the northern portion of the site.
- Lead was not detected above levels of potential concern below historically older buildings such as the casting building, keel building, and rolling mill. Based upon their historical presence, it is unlikely that lead would also be present above levels of potential concern beneath the offices or fabrication shop building.
- Lead concentrations in native soil below the slag containing soil are significantly lower than the soil slag material.

The results of the historical data review and soil sample results were summarized in a report entitled *Results of Soil Sampling* dated June 23, 2005.

On July 28, 2005, Harris Murr & Vermillion, LLC (HMV) submitted a Brownfield Letter of Intent (LOI) to the DENR Brownfields program for the subject site. The June 23, 2005 soil sampling report was also provided to DENR as part of the LOI process. On September 2, 2005, DENR requested additional information in support of the LOI. The additional information was submitted to DENR by HMV in a letter dated September 22, 2005.

DENR issued the Letter of Eligibility for the Brownfield program on October 11, 2005. In their letter, DENR requested additional information from the regional office files. On November 4, 2005, H&H conducted a review of the Underground Storage Tank (UST) incident files at the

DENR Mooresville Regional office and submitted the data to DENR via e-mail on November 8, 2005.

On December 13, 2005, DENR provided a Further Assessment Requirements letter which outlined additional soil and ground water sampling requested prior to drafting the Brownfield agreement. A copy of the additional assessment letter is provided in Appendix A. HMV subsequently applied for a Brownfield assessment matching grant from the City of Charlotte for the assessment activities, and the grant was approved by the City on April 20, 2006.

The Brownfield assessment scope of work requested by DENR in their December 13, 2005 letter included a receptor survey and additional soil and ground water sampling at the site. The results of the assessment activities will be used in negotiating a Brownfields Agreement for the site with DENR. The Brownfield assessment activities were conducted in April and May 2006, and the methods and results of the activities are provided in the following sections.

Although not part of the Brownfield assessment scope of work, a Phase I Limited Site Assessment (LSA) was also conducted in the area of a former petroleum UST at the site concurrent with the Brownfield site assessment activities. At the request of DENR, these data are also included in this report although the UST area data are also being submitted under separate cover in support of a risk-based no further action determination for the petroleum UST incident.

2.0 Summary of Area Receptors

During the site assessment activities, H&H performed a windshield survey reconnaissance of the site area for potential receptors. H&H also contacted appropriate agencies regarding water use and subsurface utilities in the site area. The completed DENR Brownfields Area Reconnaissance and Receptor Survey Guidance Form is provided in Appendix D. A summary of the findings of the receptor survey is provided below.

Property Owner and Land Use

The subject property is approximately 4 acres in size and is owned by New Bern Street Realty Company, Inc. The site is primarily covered with buildings and asphalt and concrete pavement (see Figure 2). Grass and landscaped areas cover approximately 2% of the site.

The land use in the area of the site is predominately business, light industrial, and residential. The site is bounded by the following:

- Northeast – New Bern Street with Blown Rite insulation office located beyond.
- East – New Bern Street with a Wachovia Bank and Pepsi Bottling facility located beyond.
- Southeast – City of Charlotte light rail line (under construction) with the 3030 South Condominium project located beyond. The 3030 South project is a Brownfield site with ground water use restriction.
- South – City of Charlotte light rail line with Citgo gas station and convenience store located beyond.
- Southwest – Charlotte Area Transportation System (CATS) bus and light rail maintenance facility (portions still under construction).
- West – Foster Ave. right of way with a sign company warehouse and additional commercial and light industrial business located beyond.
- Northwest – Foster Ave. with the Good Earth Woodworks warehouse and Specialty Valve and Control warehouse with additional commercial and light industrial business located beyond

- North – Intersection of New Bern Street and Foster Ave. with commercial and light industrial business located beyond. The Brown's Solvent Brownfield site is located just north of the site and also has a ground water use restriction.

Zoning

The subject site is zoned Transit Oriented Development (TOD). The 3030 South Blvd. condominium project to the southeast is zoned Mixed Use Development (MUDD). The remainder of the surrounding properties are zoned Industrial (I-1 or I-2).

Municipal Water Availability

A review of available water line maps at Charlotte Mecklenburg Utilities (CMU) indicated that municipal water is available to the site and the entire surrounding area. Based on these maps, all of the occupied and developed properties in the site area have municipal water connections. CMU obtains its water from Mountain Island Lake and Lake Norman which are both located greater than 5 miles from and remote to the subject site.

Water Supply Wells

H&H conducted a drive-by reconnaissance survey of properties within a 0.5 mile radius of the subject site. During the reconnaissance no water supply wells were visually observed within the search radius. One out-of-use water supply well is located in the southwestern portion of the subject site just west of the former smelter building. Based upon review of DENR file material, the well was used until 1982 for cooling water and is approximately 400 ft deep. A sample collected from the well in 1985 indicated that all parameters met requirements for domestic usage including lead.

H&H also reviewed the Mecklenburg County Well Information System (WIS) database for possible water supply wells within 0.5 mile radius of the subject site. No water supply wells were located within the search radius on the WIS. The WIS also identifies several sites adjacent to the subject site with known contamination incidents including the 3030 South site, the Blown Rite insulation site, and the Brown's Solvent site.

Ground water monitor wells were observed to be located on the Brown's Solvent site north of the subject site. In addition, monitor wells are known to be present at the Pepsi Bottling facility east of the site.

Surface Water Bodies

No surface water bodies or wetlands are located on the subject site. H&H conducted a drive-by reconnaissance and reviewed available topographic maps and aerial photographs within a 500 ft radius of site for the presence of surface water bodies and none were identified. The closest surface water bodies to the subject site is a tributary to Dairy Branch located approximately 1,800 ft northeast of the site and a tributary of Irwin Creek located approximately 2,000 ft southwest of the site (refer to Figure 1).

Subsurface Structures

To identify potential subsurface utilities, H&H conducted a walking reconnaissance of the subject site area, requested that the State One-Call Utility Location service mark utilities at the site, and reviewed a site survey prepared by A.G. Zoutwelle Surveyors. A map of the approximate underground utility locations near the subject site is provided as Figure 2. Underground water lines, sanitary sewer lines, natural gas lines, and telephone lines run along New Bern and/or Foster Ave. in the area of the site. In addition, a fiber optic line parallels the railroad tracks east of the site.

No septic system or basements were identified at the site or nearby properties.

3.0 Sampling Activities

3.1 General Field Practices

H&H conducted soil and ground water sampling activities at the site during the period April 27 to May 3, 2006. Field activities consisted of 1) advancing six borings using a direct push technology (DPT) rig; 2) installing permanent monitoring wells in each of the borings; 3) screening soil samples from each of the borings during advancement; 4) collecting soil samples for laboratory analysis from the boring in the area of the former UST; and 5) collecting ground water samples from all six wells for laboratory analysis. Please note that borings MW-1 through MW-5 were advanced as part of the Brownfield assessment requested by the DENR Brownfield Section and that MW-6 was advanced as part of the Phase I LSA for the former petroleum UST.

The locations of the borings advanced at the site, labeled MW-1 through MW-6, are provided on Figure 2. The locations of the wells were based on those general areas requested by DENR in their December 13, 2006 letter. In addition, a map of the proposed well locations was e-mailed to Ms. Daphne Olszewski with the DENR Brownfield Program prior to their installation and the well locations were approved by Ms. Olszewski. The borings were located as followed:

- MW-1 was installed in the upgradient portion of the site near New Bern Street.
- MW-2 was installed in the central portion of the site in the corridor between the site buildings.
- MW-3 was installed downgradient of the former smelter building
- MW-4 was installed downgradient of the western warehouse buildings.
- MW-5 was installed downgradient of the machine shop and the area where the greatest thickness of slag material was identified in previous soil sampling.
- MW-6 was installed in the area of the former petroleum UST.

The laboratory analyses were conducted by Test America, Inc. a North Carolina-certified laboratory. Dedicated laboratory-supplied sample bottles were used for sample collection. A

chain-of-custody record was completed for samples collected and included the sample description, date collected, time collected, matrix, sample container information, and analyses. The chain-of-custody was signed by H&H prior to placement in an iced cooler for shipment to the analytical laboratory. Prior to shipment, the cooler was closed with a seal indicating the representative's signature and date such that potential disturbance of the cooler contents could be detected by the laboratory.

Specific details concerning the soil and ground water sampling are provided below.

3.2 Soil Sampling

Soil samples were collected during advancement of the monitor well borings. Following collection, soil samples were described for lithologic purposes (i.e., soil type), inspected for the presence of staining, and field screened for the presence of organic vapors with a calibrated photoionization detector (PID). DENR's December 13, 2005 Further Assessment Requirements letter indicated that soil samples need only be collected for laboratory analysis in the event that anomalous readings were found as part of the soil screening. As indicated in the boring logs in Appendix B, PID readings from the soil samples collected from the five Brownfield assessment borings were low and were generally in the range of 1 to 3 ppm. As such, no soil samples were submitted for laboratory analysis from borings MW-1 through MW-5.

In accordance with Phase I LSA requirements, two soil samples were collected from boring MW-6 at depths of 2 and 7 ft below ground level. These soil samples were analyzed for volatile organic compounds (VOCs) by EPA Method 5035/8260, semi-volatile organic compounds by EPA Method 8270, and extractable petroleum hydrocarbons (EPH) and volatile petroleum hydrocarbons (VPH) by the Massachusetts methods.

3.3 Monitor Well Installation and Sampling

Permanent monitor wells were installed in each of the six borings. The depths of the monitor wells ranged from 15 to 20 ft below ground level. All of the wells are constructed of 2-inch diameter PVC casing and screen. For the Brownfield assessment wells, DENR requested that the top of the screen be located near the top of the water table and that the wells be completed with 10 ft of well screen.

All of the wells are constructed flush with the ground surface inside a well access manhole in a 2 ft by 2 ft concrete pad. Following installation, the top of casing elevation of each monitor well was determined by survey techniques and referenced to an assumed elevation of 100 ft at the top of casing of MW-1. Table 2 includes a summary of monitor construction details including total depth, screen interval, and top of casing elevation. In addition, well construction records are provided in Appendix B.

Following installation, each well was developed with a disposable polyethylene bailer. During the development process, field readings of pH, conductivity, oxidation-reduction potential (ORP), temperature, and turbidity were measured. Wells were developed on April 28 until relatively free of sediment and field parameters stabilized.

Following development, the wells were allowed to stabilize prior to sampling on May 3, 2006. Prior to collecting the ground water samples, the depth to water in each monitor well was obtained using an electronic depth to water meter, and the wells were purged of a minimum of three well bore volumes prior to sampling. Well development and sampling were completed using a disposable polyethylene bailer. During the development process, readings of pH, conductivity, temperature, and turbidity were obtained. Due to an instrument problem, dissolved oxygen readings could not be completed on May 3 and therefore in-situ dissolved oxygen readings were completed on May 23, 2006. Field parameter readings at the time of sample collection (except dissolved oxygen) are provided in Table 4.

Following purging, ground water samples from the Brownfield assessment wells were collected and analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270C, and the hazardous substance list (HSL) metals. The HSL metals include antimony, arsenic, beryllium, cobalt, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc. In addition, the ground water sample from MW-6 was analyzed for VOCs, SVOCs, EPH, VPH, and lead.

Soil and water generated during the assessment activities were containerized in labeled 55-gallon drums. The drum contents are in the process of being characterized for disposal and will be properly disposed off-site once the characterization sample results are obtained. Documentation of off-site disposal will be provided to DENR upon receipt.

4.0 Sample Results and Discussion

4.1 Data Review, Verification and Validation

The laboratory quality assurance data are provided in the laboratory analytical report in Appendix C. The following is a summary of the data review, verification, and validation of the Brownfield assessment data (i.e., samples from MW-1 through MW-5)

Field Data

- All borings were installed in the proper location.
- The proper laboratory analyses were requested for each sample.
- The turbidity readings for ground water samples MW-5 and MW-6 were higher than anticipated (in the range of 200 NTU versus 20 NTU for other samples). These monitor wells exhibited very slow recharge and were difficult to obtain lower turbidity readings despite repeated attempts. As a result, the metals concentrations in these wells may be affected more by suspended sediment than other wells.
- The field chain of custody was properly completed.

Laboratory Data

- The requested laboratory analyses were performed by the laboratory on each sample.
- The laboratory analyses were conducted within the method holding times.
- The samples were received at the laboratory in good condition and properly preserved.
- Chain of custody protocol was properly maintained.

- No significant concerns which would impact data use or interpretation were identified in a review of the laboratory quality assurance/quality control data.

The results of the data review indicate that field and laboratory data were accepted and useable.

4.2 Soil Analytical Results

Native soil collected in borings at the site consists primarily of reddish to orange clay. In the western portion of the site, fill soil (primarily clay and silt) mixed with gray and black slag was identified. The slag containing fill material is generally not present in the northern portion of the site, is approximately 2 ft thick in the central portion of the site, and increases in thickness to the south where it is present at thicknesses up to approximately 10 to 15 ft in some locations. The slag containing fill soil was not identified underneath historically present buildings such as the smelter building, keel production building, and rolling mill building.

As noted previously, no soil samples were collected from the Brownfield assessment borings for laboratory analysis due to the lack of elevated PID readings from these samples. Two soil samples were collected from the MW-6 boring as part of the Phase I LSA activities for the former UST.

The results of the soil sample analyses for the samples collected from MW-6 are summarized in Table 3 and the laboratory analytical data are provided in Appendix C. The results of the soil sample analyses were compared to the DENR UST Section Maximum Soil Contaminant Concentrations (MSCCs) for soil to ground water transport, residential direct contact, and commercial/industrial direct contact. The results of the soil sample analyses indicated low levels (<0.5 mg/kg) of several VOCs and SVOCs; however, none of the compound concentrations exceeded their respective MSCCs. No EPH or VPH hydrocarbon fractions were detected in either soil sample.

4.3 Ground Water Results

Ground water was found to occur at depths ranging from approximately 3 ft below ground level in the area of MW-4 in the southwestern portion of the site to 8 to 9 ft below ground level in the northern portion of the site at MW-1 and MW-6. It should be noted that evidence of saturated conditions was not present in most wells until depths of approximately 10 to 15 ft and then the levels rose to 3 to 8 ft below ground level after well installation. Recharge to the wells was also very slow.

A ground water elevation contour map generated from the ground water elevation data collected May 3, 2006 is provided as Figure 3. The ground water elevation contour map indicates that shallow ground water flow in the vicinity of the site is generally to the west which is consistent with area topography.

The results of the ground water analyses are summarized in Table 3 and the laboratory data sheets are provided in Appendix C. A summary of field parameters collected at the time of sampling is included as Table 4. Ground water analytical results were compared to North Carolina ground water standards and the DENR UST Section gross contamination levels (GCLs) which are included in Table 3 for reference.

Compounds detected above ground water standards in the wells are depicted in Figure 4. As indicated in Figure 4, all six monitor wells contained ground water compound concentrations above North Carolina ground water standards. The compounds detected above standards included lead, arsenic, tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), benzene, naphthalene, and total C9 – C22 aromatics. The ground water analytical results are discussed by compound class below.

Metals

The most prevalent compound detected in site ground water was lead which was detected in all six monitor wells above North Carolina ground water standards. Concentrations ranged from

53.6 µg/l at MW-3 downgradient of the former smelter building to 1,560 µg/l in the southwestern portion of the site downgradient of the area containing the greatest thickness of slag containing fill. Arsenic was also detected above its North Carolina ground water standard in MW-5 only at a concentration of 161 µg/l. No metals concentrations exceeded GCLs.

VOCs

The VOC compounds detected above standards primarily consisted of the chlorinated solvent compounds PCE and its degradation products TCE, cis-1,2-DCE, and 1,1-DCE. All of the individual compound concentrations were less than 400 µg/l. The highest compound concentrations were detected in the south-central portion of the site at MW-3 and MW-4. Benzene was also detected at low concentrations (less than 5 µg/l) in well MW-4 and the UST area well MW-6. No VOC concentrations exceeded GCLs.

The source of the VOCs is not clear based upon its distribution at the site. The subject site is located downgradient of the 3030 South Brownfield project (formerly known as Terrell Machine) which is a known source of chlorinated solvents such as those detected in site ground water.

SVOCs

The only SVOC detected above its ground water standard was naphthalene in the UST area well MW-6 at a concentration of 208 µg/l (naphthalene was also detected in this well as a VOC target compound at a concentration of 440 µg/l). Its presence appears related to the former UST. The naphthalene concentration does not exceed its GCL.

UST Parameters

As noted above, naphthalene and benzene were detected above their ground water standards in the UST area monitor well MW-6. In addition, the total C9 – C22 aromatics hydrocarbon fraction was detected above its ground water standard. No UST analytical parameters exceed GCLs.

4.4 Summary

The results of the ground water analyses indicate the presence of compound concentrations above ground water standards in all six wells. The primary compounds detected above standards include lead and the chlorinated solvent PCE and its degradation products. The source of the chlorinated solvents may be from a documented upgradient source of these compounds located at an adjacent Brownfield site. The ground water analytical results indicate that no active remediation of ground water is warranted in support of a Brownfield agreement for the site. In addition, VOC concentrations are sufficiently low such that typical engineering controls for potential buildings at the site appear adequate for future site development.

The results of the UST area investigation indicate that the UST incident appears eligible for risk-based closure. A Phase I LSA report is being submitted to the DENR UST Section under separate cover in support of a no further action determination.

Table 1
Well Construction Details
Former Willard Industries Facility
Charlotte, North Carolina
H&H Job No. BHC-127

Well ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Total Depth (ft bls)	18	15	20	20	20	18
Screen Interval (ft bls)	8 to 18	4.5 to 14.5	10 to 20	10 to 20	10-20	8 to 18
Top of Casing (ft)	100	96.35	94.97	90.85	86.95	100.43
May 3, 2006						
Depth to Water (ft bTOC)	8.41	5.78	5.75	2.62	7.13	8.98
Ground Water Elevation (ft)	91.59	90.57	89.22	88.23	79.82	91.45

Notes

ft bls = feet below land surface

ft bTOC = feet below top of casing

All TOC elevations referenced to an arbitrary benchmark of 100 ft at the the TOC of MW-1

Table 2
Soil Analytical Detections
Former Willard Industries Facility
Charlotte, North Carolina
H&H Job No. BHC-127

Area of Concern	Former UST	Former UST	North Carolina Target Levels		
Sample ID	MW-6	MW-6			
Sample Depth (ft)	2	7	Soil to GW	Residential	Commercial MSCC
Sample Date	4/28/2006	4/28/2006	MSCC	MSCC	MSCC
Units	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
VPH/EPH (MADEP)					
VPH C5-C8 Aliphatics	<5.4	<5.23	72	939	24,528
VPH C9-C12 Aliphatics	<5.4	<5.23	NS	NS	NS
EPH C9-C18 Aliphatics	<12.1	<13	NS	NS	NS
Total C9-C18 Aliphatics	ND	ND	3,255	9,386	245,280
EPH C19-C36 Aliphatics	<12.1	<13	Immobile	93,860	NS
EPH C11-C22 Aromatics	<12.1	<13	NS	NS	NS
VPH C9-C10 Aromatics	<5.4	<5.23	NS	NS	NS
Total C9-C22 Aromatics	ND	ND	34	469	12,264
VOCs (8260B)					
Acetone	0.184	<0.065	2.8	1,564	40,880
Naphthalene	0.011	<0.007	0.58	313	8,176
Carbon disulfide	<0.006	0.028	4.3	1,564	40,880
Semi-VOCs (8270C)					
Fluoranthene	0.457	<0.433	280	620	16,400
Pyrene	0.431	<0.433	290	469	12,264

Notes:

Soil samples were collected by Hart & Hickman on April 28, 2006

Only VOC and SVOC compounds detected in at least one sample shown

EPA Method number follows parameter in parenthesis

VOCs = Volatile Organic Compounds; SVOCs = semi-volatile organic compounds

EPH = Extractable petroleum hydrocarbons; VPH = volatile petroleum hydrocarbons

MADEP = Massachusetts Department of Environmental Protection;

ND = Not Detected; NS = Not Specified

Table 3
Ground Water Analytical Detections
Former Willard Industries Facility
Charlotte, North Carolina
H&H Job No. BHC-127

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-6	MW-6	NC GW	GCLs
Sample Date	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	5/3/2006	Standard	
Units	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
Metals (6010B)								
Lead	77.4	828	53.6	124	1,560	1,050	15	15,000
Nickel	33.2	<10	17.6	13	18	NA	100	NS
Zinc	111	55.1	<50	59.4	130	NA	1,050	NS
Antimony	<10	134	404	26.7	97.7	NA	NS	NS
Arsenic	<10	<10	10.3	<10	161	NA	50	NS
Chromium	<5	<5	<5	<5	5.6	NA	50	50,000
Copper	<10	<10	<10	<10	24.1	NA	1,000	NS
VOCs (8260B or 6210D)								
Methyl tert-Butyl Ether	1.27	<1	<1	4.53	<1	<0.5	200	200,000
Tetrachloroethene	1.20	2.56	155	72.2	<1	<0.5	0.7	700
Trichloroethene	8.21	<1	267	370	1.12	<0.5	2.8	2,800
1,1-Dichloroethene	<1	2.22	20.7	20.9	<1	<0.5	7	7,000
1,1-Dichloroethane	<1	<1	3.60	3.87	<1	<0.5	70	70,000
cis-1,2-Dichloroethene	<1	<1	195	5.60	<1	<0.5	70	70,000
Benzene	<1	<1	<1	4.53	<1	2.2	1	5,000
Naphthalene	<5	<5	<5	19.8	<5	440	21	15,500
sec-Butylbenzene	<1	<1	<1	<1	<1	3.36	70	8,500
Ethylbenzene	<1	<1	<1	<1	<1	311	550	84,500
Isopropylbenzene	<1	<1	<1	<1	<1	24.3	70	25,000
p-Isopropyltoluene	<1	<1	<1	<1	<1	2.28	NS	NS
n-Propylbenzene	<1	<1	<1	<1	<1	40.8	70	30,000
Toluene	<1	<1	<1	<1	<1	58.4	1,000	257,500
Xylenes	<1	<1	<1	<1	<1	448	530	87,500
1,3,5-Trimethylbenzene	<1	<1	<1	<1	<1	62.4	350	25,000
1,2,4-Trimethylbenzene	<1	<1	<1	1.09	<1	296	350	28,500
Semi-VOCs (8270C or 625)								
Naphthalene	<10.2	<10.2	<10.2	<10.2	<10.2	208	21	15,500
Phenanthrene	<10.2	12.6	<10.2	<10.2	<10.2	<10.4	210	410
VPHEPH (MADEP)								
VPH C5-C8 Aliphatics	NA	NA	NA	NA	NA	3,170	420	NS
VPH C9-C12 Aliphatics	NA	NA	NA	NA	NA	940	NS	NS
EPH C9-C18 Aliphatics	NA	NA	NA	NA	NA	<104	NS	NS
Total C9-C18 Aliphatics	NA	NA	NA	NA	NA	940	4,200	NS
EPH C19-C36 Aliphatics	NA	NA	NA	NA	NA	<104	42,000	NS
EPH C11-C22 Aromatics	NA	NA	NA	NA	NA	<104	NS	NS
VPH C9-C10 Aromatics	NA	NA	NA	NA	NA	1,200	NS	NS
Total C9-C22 Aromatics	NA	NA	NA	NA	NA	1,200	210	NS

Notes:

Except for EPH/VPH, Only compounds detected in at least one sample shown

EPA Method number follows parameter in parenthesis

Bold indicates exceeds ground water standard or GCL

VOCs = Volatile Organic Compounds; SVOCs = Semi-volatile organic compounds;

VPH = Volatile petroleum hydrocarbons; EPH = Extractable petroleum hydrocarbons;

MADEP = Massachusetts Department of Environmental Protection; NS = Not Specified;

ND = Not Detected; NA = Not Specified; NA = Not Analyzed

GCL = DENR defined Gross Contamination Level

Some petroleum-related VOCs and Semi-VOCs (SVOCs) are also reported in the EPH and VPH analyses which are replicated in the VOC and SVOC analyses.

These data are not included in this summary table as the analytical laboratory indicates that the VOC and SVOC data are more accurate. These additional data may be referenced in the laboratory data sheets.

Table 4
Ground Water Field Parameters Summary
Former Willard Industries Facility
Charlotte, North Carolina
H&H Job No. BHC-127

Well ID	Specific Conductivity (µS/cm)	ORP (mV)	pH (s.u.)	Turbidity (NTU)	Temperature (°C)	Dissolved Oxygen (mg/l)
MW-1	511.6	134.0	5.8	25.71	20.3	1.64
MW-2	266.3	146	5.86	21.7	20.8	0.58
MW-3	2009	55	6.83	18.87	20.1	0.47
MW-4	540.1	14	6.45	20.28	20.0	0.48
MW-5	1132	-44	6.64	212.7	15.8	1.55
MW-6	284.4	37	6.49	214.3	17.7	0.69

Notes:

Data collected May 3, 2006 except dissolved oxygen. Due to instrument problems, dissolved oxygen readings completed May 23, 2006.

s.u. = standard pH units

µS/cm = microSeimens per centimeter

mV = millivolts

NTU = Nephelometric turbidity units

Turbidity readings were recorded and metals samples were collected from the first sample volume.



APPROXIMATE
0 2000 4000
SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

CHARLOTTE WEST, NC 1993
CHARLOTTE EAST, NC 1967 REVISED/INSPECTED 1988

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE

SITE LOCATION MAP

PROJECT

FORMER WILLARD INDUSTRIES FACILITY
CHARLOTTE, NORTH CAROLINA



Hart & Hickman
A PROFESSIONAL CORPORATION

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE: 6-10-05

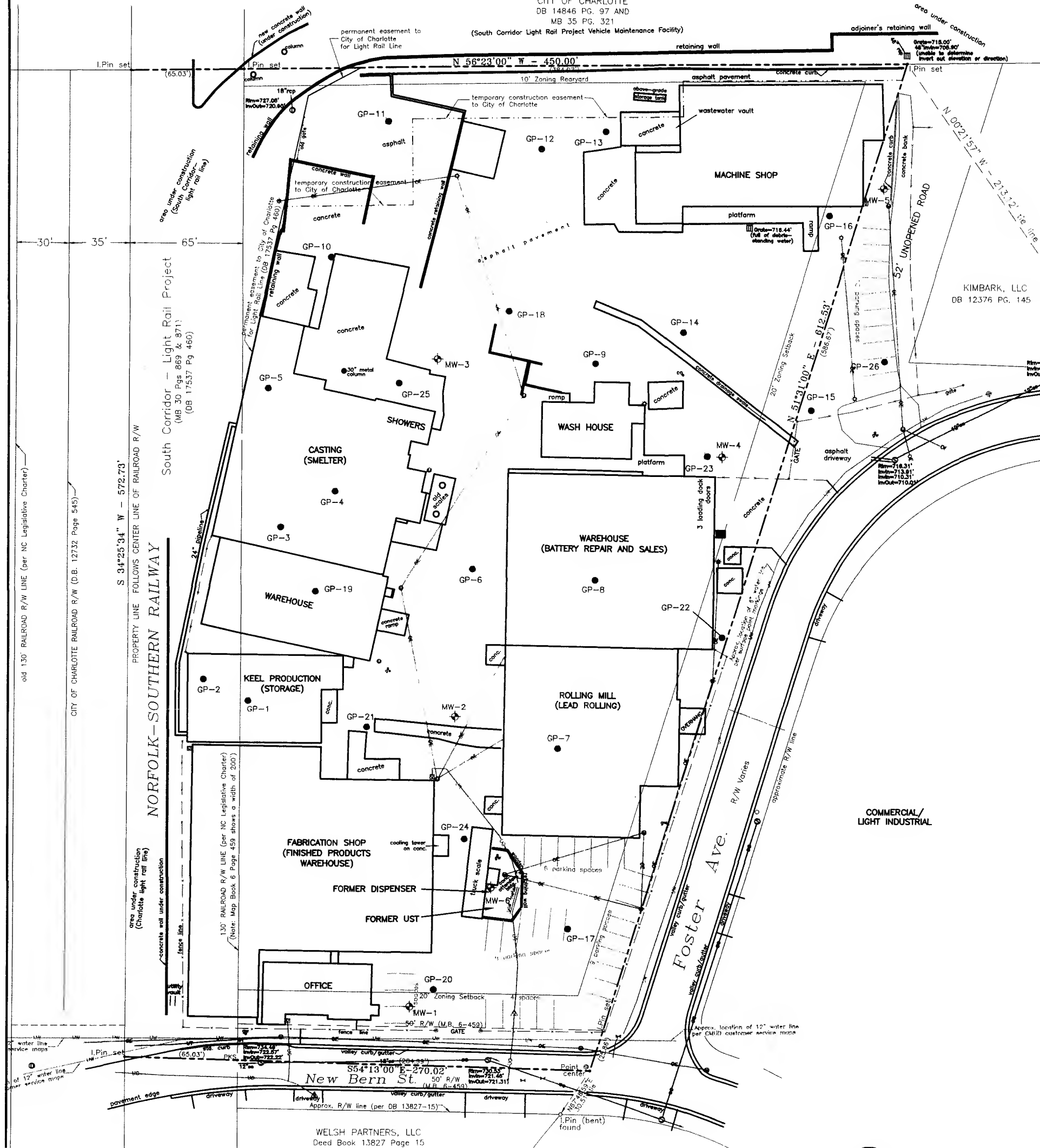
REVISION NO: 0

JOB NO: BHC-127

FIGURE NO: 1

CATS MAINTENANCE FACILITY

CITY OF CHARLOTTE
DB 14846 PG. 97 AND
MB 35 PG. 321
(South Corridor Light Rail Project Vehicle Maintenance Facility)



LEGEND

- PROPERTY BOUNDARY
- FENCE
- OVERHEAD ELECTRIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND WATER LINE
- SANITARY SEWER LINE
- PHONE, CABLE, OR FIBER OPTIC LINE
- UNDERGROUND TELEPHONE
- STORMWATER
- MONITORING WELL
- SOIL BORING

NOTE:
BASE MAP PROVIDED BY A.G. ZOUTEWELLE SURVEYORS

SITE MAP

FORMER WILLARD INDUSTRIES FACILITY
CHARLOTTE, NORTH CAROLINA



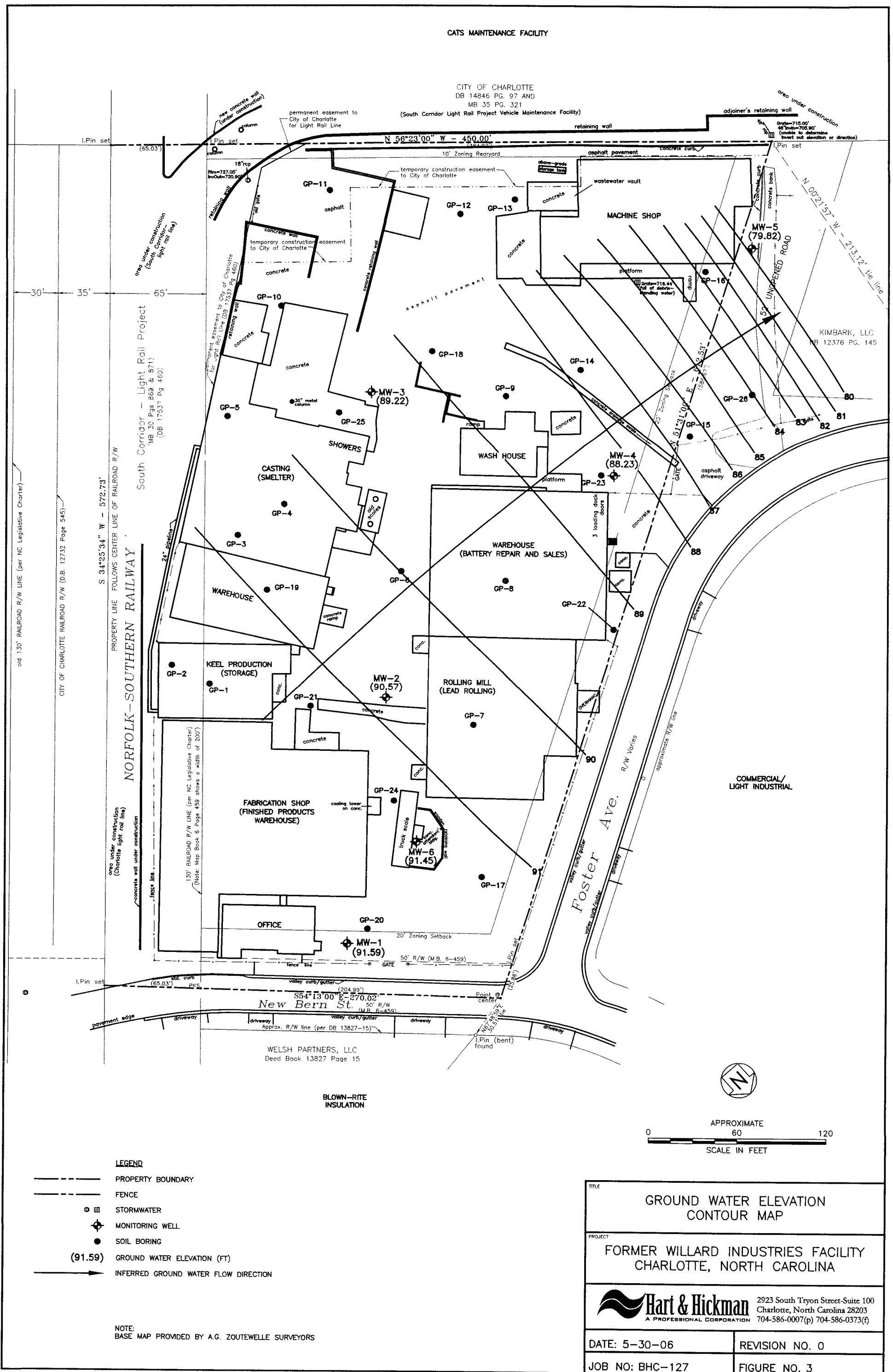
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 5-30-06

REVISION NO. 0

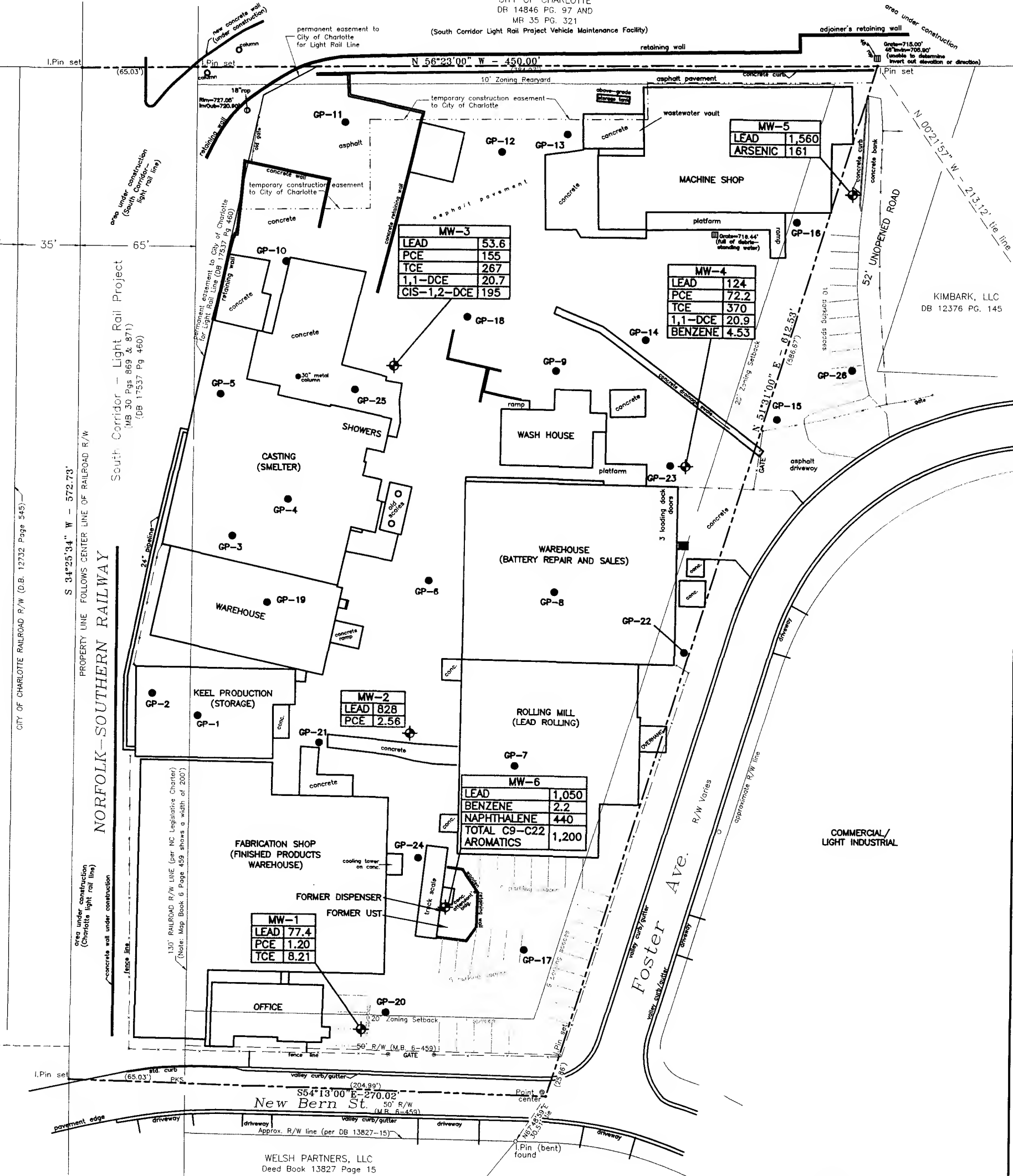
JOB NO: BHC-127

FIGURE NO. 2




CATS MAINTENANCE FACILITY

CITY OF CHARLOTTE
DR 14846 PG. 97 AND
MR 35 PG. 321
(South Corridor Light Rail Project Vehicle Maintenance Facility)



0 60 120
APPROXIMATE
SCALE IN FEET

TITLE GROUND WATER DETECTIONS ABOVE NORTH CAROLINA STANDARDS	
PROJECT FORMER WILLARD INDUSTRIES FACILITY CHARLOTTE, NORTH CAROLINA	
 <div> 2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007(p) 704-586-0373(f) </div>	
DATE: 5-30-06	REVISION NO. 0
JOB NO: BHC-127	FIGURE NO. 4

Appendix A

DENR Further Assessment Requirements Letter



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

December 13, 2005

Sent Via E-mail and USPS

Steve Harris
Harris Murr & Vermillion, LLC
1600 Camden Road
Charlotte, North Carolina 28203
steve@harrismurr.com

Subject: Further Assessment Requirements
Willard Lead Site
101 New Bern Street
Charlotte, Mecklenburg County
Brownfields Project Number 09044-05-60

Dear Mr. Harris:

The North Carolina Department of Environmental and Natural Resources (DENR) has reviewed the currently available site information for the above referenced site and data gaps have been identified. Additional assessment activities, as outlined below, are required to assist in making risk management decisions for inclusion in the brownfields agreement (BFA).

During the evaluation process the following sources were utilized - the letter of intent (LOI), and the following reports submitted by you or from the DENR files at 401 Oberlin Road in Raleigh:

Title	Prepared by	Date of Report
<i>Site Inspection Report, Willard Smelting Company, NCD 003 151 65</i>	NC DENR Superfund Section	September 5, 1986
<i>Soil Sampling and Analysis Report for Willard Industries, Charlotte, NC</i>	National Environmental Technologies, Inc.	July 1994
<i>Remediation of Soils in Storm Water Run-Off Ditch, Willard Industries Facility, Charlotte, NC</i>	National Environmental Technologies, Inc.	September 29, 1994
<i>Results of Soil, Surface Water and Stream Sediment Samples, Willard Industries Facility, Charlotte, NC</i>	National Environmental Technologies, Inc.	March 8, 1995
<i>Closure Report of Underground Storage Tank at 101 New Bern Street, Charlotte, NC</i>	Atlantic Environmental Services	August 28, 1996

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-733-4996 \ FAX 919-715-3605 \ Internet <http://wastenotnc.org>

An Equal Opportunity / Affirmative Action Employer - Printed on Dual Purpose Recycled Paper

Title	Prepared by	Date of Report
<i>Site Re-Assessment Report, Willard Smelting Company, Charlotte</i>	Site Evaluation and Removal Branch, Superfund Section, DENR	May 31, 2005
<i>Results of Soil Sampling, Former Willard Industries Facility, Charlotte, NC</i>	Hart and Hickman, PC	June 23, 2005

After reviewing these documents and visiting the site on December 12, 2005, the following assessment items need to be addressed to determine that the site is safe for its intended reuse, which is high density residential.

- **General:** The most recent *Inactive Hazardous Sites Program Guidelines for Assessment and Cleanup* (<http://www.wastenotnc.org/sfhome/stateleadguidance.pdf>) should be followed, which in turn relies upon EPA's Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (a .pdf version is available on their website at <http://www.epa.gov/region4/sesd/eisopqam/eisopqam.html>). Request Level 2 QA/QC data packages from a N.C. certified environmental laboratory.

- **Groundwater:** Install five (Type 2) permanent groundwater monitoring wells into the shallow aquifer using a screen no greater than 10 feet in length extending downward from around the top of the water table. These wells will be used to determine any contamination that may be migrating on the site as well as determining the groundwater contamination that originates from the Willard Lead site. My suggestion would be that one well should be near the front gate/offices, one well to the west-southwest of the of the casting/smelter building, one in the far western corner of the property near the machine shop, one adjacent to the warehouse/machine shop on the west side, and the last one somewhere in the middle portion of the property between the two rows of buildings. Please have Hart and Hickman fax me a copy of a map with their proposed locations identified prior to mobilizing for field work. Final placement and depths of the wells will be determined in the field.

If, after review of the assessment report it is determined that further monitoring will not be required at this property, wells may be abandoned upon receiving either an e-mail or letter from me with permission to abandon these wells. If wells are not abandoned prior to the issuance of the BFA, there will be a specific requirement for the abandonment of these wells per 15A NCAC 2C rules.

- **Soil Sampling:** Due to the fact that you plan to minimize exposure of the soil at the site, leaving asphalt or other hard surfaces in place and covering low areas with clean fill, there is no reason for surficial soil sampling at this time. We request that soil borings from the monitoring well locations be screened both visually and with a portable vapor analyzer. If anomalous readings are found, one soil sample should be taken per boring in the highest screened interval for VOCs/SVOCs. Be aware that any areas that are not covered by hard pervious or impervious surfaces, such as landscaped areas, will need a minimum of two feet of clean fill at the surface. Raised planters or a sturdy geotechnical fabric covered by at least a foot of clean fill are also options.

- **Groundwater Sampling:** Use standard operating procedures for developing, purging and sampling the wells. Record depth of static groundwater to the nearest 0.01 foot in each well prior to purging activities. Collect groundwater samples from the newly installed groundwater monitoring wells. Record field parameters (e.g., temperature, dissolved oxygen, pH, turbidity, and conductivity)

prior to sampling activities. Field data is to be included in the summary report. Containerize development and purge water for analysis prior to disposal following approval by DENR. In lieu of sampling the containers, the consultant may rely on groundwater sample analyses for disposal options. The ultimate disposal information must be included in the report.

- **Laboratory Analyses:** Submit samples to a NC-certified laboratory. Analyze all groundwater and any soil samples that have screening anomalies for volatile and semi-volatile organic compounds (VOCs) by EPA SW-846 Methods 8260 and 8270. Groundwater should also be analyzed for the 13 hazardous substance list (also known as priority pollutant) metals (see section A.7.1.2 of the Inactive Hazardous Sites Guidance referenced above). Ensure laboratory method detection limits are below applicable standards (2L standards or IHSB residential remedial goals for soil found at <http://www.wastenotnc.org/soiltable.pdf>.) Provide complete original laboratory reports and associated laboratory QA/QC documentation in the final report to DENR.

- **Report and Figures:** Submit an assessment report with a description of field activities, tabulated data, the laboratory data packet, and information requested in above bullets. Provide a groundwater elevation (potentiometric) map using data from the monitoring wells and any other visual representation(s) of the data that will be useful in reviewing the report.

- **Receptor Survey:** A receptor survey must be completed for the site. I have enclosed the form used by the Brownfields Program that can be used as a guideline. Another format may be used as long as the information requested is included, or you may fill out and return our form.

I am optimistic with the additional information requested in this phase of assessment we will be able to determine the risk this site may pose to receptors. I remain very enthusiastic about this brownfields project and I look forward to working with you to advance this project. If you have any questions regarding this letter or the brownfields process, please feel free to contact me at (919) 508-8420, or via e-mail at daphne.olszewski@ncmail.net.

Sincerely,

Daphne Olszewski
Brownfields Project Manager
Division of Waste Management

Enclosure

cc: Central Files

ec: Bruce Nicholson, DENR
Steve Hart, Hart and Hickman, P.C.

Appendix B

Monitoring Well Borings Logs and Well Construction Records

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Mike Tynan CERTIFICATION # 2725

WELL CONTRACTOR COMPANY NAME Probe Technology, Inc. PHONE # (704) 933-5538

STATE WELL CONSTRUCTION PERMIT# (if applicable) ASSOCIATED WQ PERMIT# (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☒ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use MW-1

2. WELL LOCATION:

Nearest Town: Charlotte County Mecklenburg
101 New Bern Street
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
☐ Ridge ☐ Slope ☐ Valley ☒ Flat
(check appropriate box)

Latitude/longitude of well location
N 35 11.970 W 80 52.195
(degrees/minutes/seconds)

3. OWNER: Harris, Murr & Vermillion

Address 1600 Camden Road
(Street or Route No.)
Charlotte NC 28203
City or Town State Zip Code

Latitude/longitude source: ☒ GPS ☐ Topographic map
(check box)

DEPTH

From To

DRILLING LOG

Formation Description

() -
Area code- Phone number

4. DATE DRILLED 04-27-06

5. TOTAL DEPTH: 18 ft

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 9 FT.
(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): N/A METHOD OF TEST

10. WATER ZONES (depth):

11. DISINFECTION: Type None Amount

12. CASING: Wall Thickness

From	To	Depth	Diameter	or Weight/Ft.	Material
0	8	Ft.	2"	Sched 40	PVC
		Ft.			
		Ft.			

13. GROUT: Depth Material Method

From	To	Depth	Material	Method
0	3	Ft.	portland cement	gravity
3	6	Ft.	bentonite	gravity

14. SCREEN: Depth Diameter Slot Size Material

From	To	Depth	Diameter	Slot Size	Material
8	18	Ft.	2" in.	0.010 in.	PVC
		Ft.			

15. SAND/GRAVEL PACK:

From	To	Depth	Size	Material
6	18	Ft.	#2	silica sand
		Ft.		

16. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Michael Tynan

Digitally signed by Michael Tynan
DN: CN = Michael Tynan, C = US
Date: 2006.06.07 17:13:36 -04'00'

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC
27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Mike Tynan CERTIFICATION # 2725

WELL CONTRACTOR COMPANY NAME Probe Technology, Inc. PHONE # (704) 933-5538

STATE WELL CONSTRUCTION PERMIT# (if applicable) ASSOCIATED WQ PERMIT# (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☒ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use MW-2

2. WELL LOCATION:

Nearest Town: Charlotte County Mecklenburg
101 New Bern Street
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
☐ Ridge ☐ Slope ☐ Valley ☒ Flat
(check appropriate box)

Latitude/longitude of well location
N 35 11.948 W 80 52.215
(degrees/minutes/seconds)

3. OWNER: Harris, Murr & Vermillion

Address 1600 Camden Road
(Street or Route No.)
Charlotte NC 28203
City or Town State Zip Code

Latitude/longitude source: ☒ GPS ☐ Topographic map
(check box)

DEPTH DRILLING LOG
From To Formation Description

() -
Area code- Phone number

4. DATE DRILLED 04-27-06

5. TOTAL DEPTH: 14.5 ft

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 6 FT.
(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 0 FT. Above Land Surface*

*Top of casing terminated at/or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): N/A METHOD OF TEST

10. WATER ZONES (depth):

11. DISINFECTION: Type None Amount

12. CASING: Wall Thickness

From	To	Depth	Diameter	or Weight/Ft.	Material
0	4.5	Ft.	2"	Sched 40	PVC

13. GROUT: Depth Material Method

From	To	Depth	Material	Method
0	1	Ft.	portland cement	gravity
1	3	Ft.	bentonite	gravity

14. SCREEN: Depth Diameter Slot Size Material

From	To	Depth	Diameter	Slot Size	Material
4.5	14.5	Ft.	2" in.	0.010 in.	PVC

15. SAND/GRAVEL PACK: Depth Size Material

From	To	Depth	Size	Material
3	14.5	Ft.	#2	silica sand

16. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Michael Tynan

Digitally signed by Michael Tynan
DN: CN = Michael Tynan, C = US
Date: 2006.06.07 17:13:14 -04'00'

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC 27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Mike Tynan CERTIFICATION # 2725

WELL CONTRACTOR COMPANY NAME Probe Technology, Inc. PHONE # (704) 933-5538

STATE WELL CONSTRUCTION PERMIT# _____ ASSOCIATED WQ PERMIT# _____
(if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☒ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use MW-3

2. WELL LOCATION:

Nearest Town: Charlotte County Mecklenburg
101 New Bern Street
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

3. OWNER: Harris, Murr & Vermillion

Address 1600 Camden Road
(Street or Route No.)
Charlotte NC 28203
City or Town State Zip Code

()-
Area code- Phone number

4. DATE DRILLED 04-28-06

5. TOTAL DEPTH: 20 ft

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 12.5 FT.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 0 FT. Above Land Surface*

*Top of casing terminated at/or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): N/A METHOD OF TEST _____

10. WATER ZONES (depth): _____

11. DISINFECTION: Type None Amount _____

12. CASING: _____ Wall Thickness _____

From	To	Depth	Diameter	or Weight/Ft.	Material
From <u>0</u>	To <u>10</u>	Ft. <u>2"</u>	<u>Sched 40</u>	<u>PVC</u>	
From _____	To _____	Ft. _____	_____	_____	
From _____	To _____	Ft. _____	_____	_____	

13. GROUT: _____ Depth _____ Material _____ Method _____

From	To	Depth	Material	Method
From <u>0</u>	To <u>5</u>	Ft. <u>portland cement</u>	<u>gravity</u>	
From <u>5</u>	To <u>8</u>	Ft. <u> bentonite</u>	<u>gravity</u>	

14. SCREEN: _____ Depth _____ Diameter _____ Slot Size _____ Material _____

From	To	Depth	Diameter	Slot Size	Material
From <u>10</u>	To <u>20</u>	Ft. <u>2"</u>	<u>in.</u>	<u>0.010</u>	<u>in.</u>
From _____	To _____	Ft. _____	<u>in.</u>	_____	<u>in.</u>

15. SAND/GRAVEL PACK: _____

From	To	Depth	Size	Material
From <u>8</u>	To <u>20</u>	Ft. <u>#2</u>	<u>silica sand</u>	
From _____	To _____	Ft. _____	_____	

16. REMARKS: _____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Michael Tynan

Digitally signed by Michael Tynan
DN: CN = Michael Tynan, C = US
Date: 2006.06.07 17:12:26 -04'00'

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC 27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Mike Tynan CERTIFICATION # 2725

WELL CONTRACTOR COMPANY NAME Probe Technology, Inc. PHONE # (704) 933-5538

STATE WELL CONSTRUCTION PERMIT# _____ ASSOCIATED WQ PERMIT# _____
(if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☒ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use MW-4

2. WELL LOCATION:

Nearest Town: Charlotte County Mecklenburg
101 New Bern Street
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting

☐ Ridge ☐ Slope ☐ Valley ☒ Flat
(check appropriate box)

Latitude/longitude of well location
N 35 11.942 W 80 52.258

(degrees/minutes/seconds)

Latitude/longitude source: ☒ GPS ☐ Topographic map
(check box)

3. OWNER: Harris, Murr & Vermillion

Address 1600 Camden Road
(Street or Route No.)
Charlotte NC 28203
City or Town State Zip Code

DEPTH

From To

DRILLING LOG

Formation Description

() -
Area code- Phone number

4. DATE DRILLED 04-27-06

5. TOTAL DEPTH: 20 ft

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 14 FT.

(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 0 FT. Above Land Surface*

*Top of casing terminated at/or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): N/A METHOD OF TEST _____

10. WATER ZONES (depth): _____

11. DISINFECTION: Type None Amount _____

12. CASING: _____

From	To	Depth	Diameter	Wall Thickness	Material
0	10	Ft.	2"	Sched 40	PVC

13. GROUT: _____

From	To	Depth	Material	Method
0	5	Ft.	portland cement	gravity
5	8	Ft.	bentonite	gravity

14. SCREEN: _____

From	To	Depth	Diameter	Slot Size	Material
10	20	Ft.	2" in.	0.010 in.	PVC

15. SAND/GRAVEL PACK: _____

From	To	Depth	Size	Material
8	20	Ft.	#2	silica sand

16. REMARKS: _____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Michael Tynan

Digitally signed by Michael Tynan
DN: CN = Michael Tynan, C = US
Date: 2006.06.07 17:12:50 -04'00'

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC
27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Mike Tynan CERTIFICATION # 2725

WELL CONTRACTOR COMPANY NAME Probe Technology, Inc. PHONE # (704) 933-5538

STATE WELL CONSTRUCTION PERMIT# _____ ASSOCIATED WQ PERMIT# _____
(if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☒ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use MW-5

2. WELL LOCATION:

Nearest Town: Charlotte County Mecklenburg
101 New Bern Street
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

3. OWNER: Harris, Murr & Vermillion

Address 1600 Camden Road
(Street or Route No.)
Charlotte NC 28203
City or Town State Zip Code

()-
Area code- Phone number

4. DATE DRILLED 04-28-06

5. TOTAL DEPTH: 20 ft

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 13 FT.
(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 0 FT. Above Land Surface*

*Top of casing terminated at/or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): N/A METHOD OF TEST _____

10. WATER ZONES (depth): _____

11. DISINFECTION: Type None Amount _____

12. CASING: Wall Thickness
From 0 To 10 Depth Ft. 2" Diameter or Weight/Ft. Sched 40 Material PVC
From _____ To _____ Depth Ft. _____ Diameter or Weight/Ft. _____ Material _____
From _____ To _____ Depth Ft. _____ Diameter or Weight/Ft. _____ Material _____

13. GROUT: Depth Material Method
From 0 To 5 Depth Ft. portland cement Method gravity
From 5 To 8 Depth Ft. bentonite Method gravity

14. SCREEN: Depth Diameter Slot Size Material
From 10 To 20 Depth Ft. 2" in. 0.010 in. Material PVC
From _____ To _____ Depth Ft. _____ in. _____ in. Material _____

15. SAND/GRAVEL PACK: Depth Size Material
From 8 To 20 Depth Ft. #2 Size silica sand
From _____ To _____ Depth Ft. _____ Size _____ Material _____

16. REMARKS: _____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Michael Tynan

Digitally signed by Michael Tynan
DN: CN = Michael Tynan, C = US
Date: 2006.06.07 17:12:01 -04'00'

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC
27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Mike Tynan CERTIFICATION # 2725

WELL CONTRACTOR COMPANY NAME Probe Technology, Inc. PHONE # (704) 933-5538

STATE WELL CONSTRUCTION PERMIT# _____ ASSOCIATED WQ PERMIT# _____
(if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐
Monitoring ☒ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use MW-6

2. WELL LOCATION:

Nearest Town: Charlotte County Mecklenburg
101 New Bern Street
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
☐ Ridge ☐ Slope ☐ Valley ☒ Flat
(check appropriate box)

Latitude/longitude of well location
N 35 11.965 W 80 52.208
(degrees/minutes/seconds)

3. OWNER: Hamis, Murr & Vermillion

Address 1600 Camden Road
(Street or Route No.)
Charlotte NC 28203
City or Town State Zip Code

Latitude/longitude source: ☒ GPS ☐ Topographic map
(check box)

DEPTH DRILLING LOG
From To Formation Description

() -
Area code- Phone number

See Geologist's Log

4. DATE DRILLED 04-28-06

5. TOTAL DEPTH: 18 ft

6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

7. STATIC WATER LEVEL Below Top of Casing: 10 FT.
(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 0 FT. Above Land Surface*

*Top of casing terminated at/or below land surface requires a
variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): N/A METHOD OF TEST _____

10. WATER ZONES (depth): _____

LOCATION SKETCH

Show direction and distance in miles from at least
two State Roads or County Roads. Include the road
numbers and common road names.

11. DISINFECTION: Type None Amount _____

12. CASING: Wall Thickness
From 0 To 8 Depth Ft. 2" Diameter or Weight/Ft. Sched 40 Material PVC
From _____ To _____ Depth Ft. _____ Diameter or Weight/Ft. _____ Material _____
From _____ To _____ Depth Ft. _____ Diameter or Weight/Ft. _____ Material _____

13. GROUT: Depth Material Method
From 0 To 3 Depth Ft. portland cement Material gravity
From 3 To 6 Depth Ft. Bentonite Material gravity

14. SCREEN: Depth Diameter Slot Size Material
From 8 To 18 Depth Ft. 2" Diameter 0.010 Slot Size PVC Material
From _____ To _____ Depth Ft. _____ Diameter _____ Slot Size _____ Material _____

15. SAND/GRAVEL PACK:
From 6 To 18 Depth Ft. #2 Size silica sand Material
From _____ To _____ Depth Ft. _____ Size _____ Material _____

16. REMARKS: _____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL
CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Michael Tynan

Digitally signed by Michael Tynan
DN: CN = Michael Tynan, C = US
Date: 2006.06.07 17:13:59 -04'00'

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE

Submit the original to the Division of Water Quality, Groundwater Section, 1636 Mail Service Center - Raleigh, NC
27699-1636 Phone No. (919) 733-3221, within 30 days.

GW-1 REV. 07/2001



Hart & Hickman
A Professional Corporation

2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)386-0007 (704)386-0373-fax

Sheet of

LOG OF BORING:

Project: *Willard Industries*

Job No: *BHC-127*

Location: *#1*

Surface Elev: *100*

Top of Casing Elev: *100*

Drilling Rig/Method: *DPT*

Sampling Method: *DPT sleeve*

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
0	0								
0-5'	5			80	6" asphalt 1.5' mixed subgrade material rock/silt			1.1	grit bentonite
5-10'	10			100	light red/orange clay (damp)			1.8	
10-15'	15			100	marbled orange/red clay w/ black speckling (damp)			2.0	sand
15-20'	20			100	red clay 15-17' 17-20' very wet red/orange clay			2.3	
	25								

Completion Depth: *18'*

Date Boring Started: *4/27/06*

Date Boring Completed: *4/27/06*

Engineer/Geologist:

Drilling Contractor: *Probe Tech*

Remarks:

Revision	Drawn By	Date	Checked	Approved

*well set to 18'
10' screen
sand to 2' above screen, 3' bentonite*



Hart & Hickman
A Professional Corporation

2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373 fax

Sheet of

LOG OF BORING:

Project: Willard Industries
Job No: BHC-127
Location: #2

Surface Elev:
Top of Casing Elev: 96.35'
Drilling Rig/Method: DPT
Sampling Method: DPT sleeve

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
0-5	0-5			100	2' asphalt material w/ rip rap underlay			1.9	
	5-10			100	3' grey/brown textured clay, some rock frag (damp)			2.5	
	10-15			0	5-6' light brown clay w/ black streaking				
	15-20			100	6-10' - light orange clay w/ light streaking (damp)			2.1	
					10-15' no recovery				
					15-20' light orange silty marbled clay (wet)				

Completion Depth: 15'
Date Boring Started: 4/27/06
Date Boring Completed: 4/27/06
Engineer/Geologist:
Drilling Contractor: Probe Tech

Remarks:

Revision	Drawn By	Date	Checked	Approved
----------	----------	------	---------	----------

Set @ 15', screen @ 10'
sand to 2' above screen
2' bentonite



Hart & Hickman
A Professional Corporation

2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373-fax

Sheet of

LOG OF BORING:

Project: **Willard Industries**
Job No: **BHC-127**
Location: **#3 (auger)**

Surface Elev:
Top of Casing Elev: **94.97'**
Drilling Rig/Method: **DPT/auger**
Sampling Method: **DPT skive**

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				black asphalt mix w/ rock brown red silty clay light brown/grey clay (dry)				
	5				brown/black silty clay (damp)			1.9	
	10							1.2	
	15				light brown/white silty clay (10-12)			2.0	
	20				brown silty clay (12-15) (wet)				
	25								

Completion Depth: **20'**
Date Boring Started: **4/27/06**
Date Boring Completed: **4/26/06**
Engineer/Geologist:
Drilling Contractor: **Probe Tech**

Remarks:

Revision	Drawn By	Date	Checked	Approved



Hart & Hickman
A Professional Corporation

2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373-fax

Sheet of

LOG OF BORING:

Project: *Willard Industries*
Job No: *BHC-127*
Location: *#4*

Surface Elev:
Top of Casing Elev: *90.85*
Drilling Rig/Method: *DPT*
Sampling Method: *DPT sleeve*

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0								
					wet black/dark brown silty clay			15.1	
	5			50%					
					5-7 black silty clay (wet)			1.2	
	10			100%					
					7-10 light grey/orange clay (wet)				
	15								
	20								
	25								

Completion Depth: *25'*
Date Boring Started: *4/27/06*
Date Boring Completed: *4/27/06*
Engineer/Geologist:
Drilling Contractor: *Probe Tech*

Remarks:

Revision	Drawn By	Date	Checked	Approved
----------	----------	------	---------	----------

25' well



Hart & Hickman
A Professional Corporation

2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373-Fax

Sheet of

LOG OF BORING:

Project: *Willard Industries*
Job No: *BHC-127*
Location: *#5*

Surface Elev: *86.95'*
Top of Casing Elev: *86.95'*
Drilling Rig/Method: *DPT*
Sampling Method: *DPT Sleeve*

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
0-5	0-5			75	<i>silty rocky mix dark/brown/black clay (damp)</i>			<i>1.8</i>	
5-10	5-10			50	<i>brown/orange clay, some rock fragment (damp)</i>			<i>2.1</i>	
10-15	10-15			75	<i>refusal @ 10' moved a few feet away - very wet grey black clay</i>			<i>2.0</i>	
15-20	15-20			100	<i>4' light grey clay (damp) 1' orange marbled clay</i>			<i>1.4</i>	
	20-25								

Completion Depth: *19.5'*
Date Boring Started: *4/28/06*
Date Boring Completed: *4/28/06*
Engineer/Geologist:
Drilling Contractor: *Probe Tech*

Remarks:

Revision	Drawn By	Date	Checked	Approved
----------	----------	------	---------	----------

*19.5' well
and 2' over screen*



Hart & Hickman
A Professional Corporation

2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373 fax

LOG OF BORING:

Sheet of

Project: *Willard Industries*
Job No: *BHC-127*
Location: *#6*

Surface Elev:
Top of Casing Elev: *100.43*
Drilling Rig/Method: *DPT*
Sampling Method: *DPT Skere*

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
0	0								
0-5					<i>orange tan sandy clay</i>			<i>3.2</i>	
5-10					<i>orange red silty clay</i>			<i>12.7</i>	<i>bentonite</i>
10-15					<i>red/brown silty clay</i>			<i>12.1</i>	<i>sand</i>
15-20									
20-25									
25-30									
30-35									
35-40									
40-45									
45-50									
50-55									
55-60									
60-65									
65-70									
70-75									
75-80									
80-85									
85-90									
90-95									
95-100									

Completion Depth: *18'*
Date Boring Started: *4/25/06*
Date Boring Completed: *4/28/06*
Engineer/Geologist:
Drilling Contractor: *Probe Tech*

Remarks:

Revision	Drawn By	Date	Checked	Approved

Appendix C
Laboratory Analytical Data



May 09, 2006

Client: Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn: Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Nbr: BHC-127 / Willard Industries
P/O Nbr:
Date Received: 04/29/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-6 2'	NPE0005-01	04/28/06 11:00
MW-6 7'	NPE0005-02	04/28/06 11:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

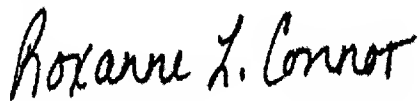
This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

North Carolina Certification Number: 387

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Roxanne Connor
Senior Project Manager

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-01 (MW-6 2' - Soil) Sampled: 04/28/06 11:00								
General Chemistry Parameters								
% Dry Solids	82.2		%	0.500	1	05/03/06 12:40	SW-846	6050270
MADEP VPH								
Methyl tert-Butyl Ether	ND		mg/kg dry	0.162	50	05/03/06 19:08	MADEP VPH	6050573
Benzene	ND		mg/kg dry	0.0540	50	05/03/06 19:08	MADEP VPH	6050573
Toluene	ND		mg/kg dry	0.162	50	05/03/06 19:08	MADEP VPH	6050573
Ethylbenzene	ND		mg/kg dry	0.0540	50	05/03/06 19:08	MADEP VPH	6050573
m,p-Xylene	ND		mg/kg dry	0.216	50	05/03/06 19:08	MADEP VPH	6050573
o-Xylene	ND		mg/kg dry	0.108	50	05/03/06 19:08	MADEP VPH	6050573
Naphthalene	ND		mg/kg dry	0.270	50	05/03/06 19:08	MADEP VPH	6050573
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	ND		mg/kg dry	5.40	50	05/03/06 19:08	MADEP VPH	6050573
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	ND		mg/kg dry	5.40	50	05/03/06 19:08	MADEP VPH	6050573
C5 - C8 Aliphatic Hydrocarbons	ND		mg/kg dry	5.40	50	05/03/06 19:08	MADEP VPH	6050573
C9 - C12 Aliphatic Hydrocarbons	ND		mg/kg dry	5.40	50	05/03/06 19:08	MADEP VPH	6050573
C9 - C10 Aromatic Hydrocarbons	ND		mg/kg dry	5.40	50	05/03/06 19:08	MADEP VPH	6050573
Surr: 2,5-Dibromotoluene (FID) (70-130%)	78 %					05/03/06 19:08	MADEP VPH	6050573
Surr: 2,5-Dibromotoluene (PID) (70-130%)	80 %					05/03/06 19:08	MADEP VPH	6050573
MADEP EPH								
C9 - C18 Aliphatic Hydrocarbons	ND		mg/kg dry	12.1	1	05/07/06 02:09	MADEP EPH	6051026
C19 - C36 Aliphatic Hydrocarbons	ND		mg/kg dry	12.1	1	05/07/06 02:09	MADEP EPH	6051026
C11 - C22 Aromatic Hydrocarbons	ND		mg/kg dry	12.1	1	05/07/06 02:09	MADEP EPH	6051026
C11 - C22 Aromatic Hydrocarbons, Unadjusted	ND		mg/kg dry	12.1	1	05/07/06 02:36	MADEP EPH	6051026
2-Methylnaphthalene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Acenaphthene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Acenaphthylene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Anthracene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Benzo (a) anthracene	ND		mg/kg dry	0.725	1	05/07/06 02:36	MADEP EPH	6051026
Benzo (a) pyrene	ND		mg/kg dry	0.725	1	05/07/06 02:36	MADEP EPH	6051026
Benzo (b) fluoranthene	ND		mg/kg dry	0.725	1	05/07/06 02:36	MADEP EPH	6051026
Benzo (g,h,i) perylene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Benzo (k) fluoranthene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Chrysene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Dibenz (a,h) anthracene	ND		mg/kg dry	0.725	1	05/07/06 02:36	MADEP EPH	6051026
Fluoranthene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Fluorene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.725	1	05/07/06 02:36	MADEP EPH	6051026
Naphthalene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Phenanthrene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Pyrene	ND		mg/kg dry	1.21	1	05/07/06 02:36	MADEP EPH	6051026
Surr: 1-Chlorooctadecane (40-140%)	76 %					05/07/06 02:09	MADEP EPH	6051026
Surr: o-Terphenyl (40-140%)	55 %					05/07/06 02:36	MADEP EPH	6051026
Surr: 2-Fluorobiphenyl (40-140%)	50 %					05/07/06 02:36	MADEP EPH	6051026
Surr: 2-Bromonaphthalene (40-140%)	54 %					05/07/06 02:36	MADEP EPH	6051026

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-01 (MW-6 2' - Soil) - cont. Sampled: 04/28/06 11:00								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	0.184		mg/kg dry	0.061	1	05/08/06 00:01	SW846 8260B	6045180
Benzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Bromobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Bromochloromethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Bromodichloromethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Bromoform	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Bromomethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
2-Butanone	ND		mg/kg dry	0.061	1	05/08/06 00:01	SW846 8260B	6045180
sec-Butylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
n-Butylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
tert-Butylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Carbon disulfide	ND		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
Carbon Tetrachloride	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Chlorobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Chlorodibromomethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Chloroethane	ND		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
Chloroform	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Chloromethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
2-Chlorotoluene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
4-Chlorotoluene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Dibromomethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,4-Dichlorobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,3-Dichlorobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2-Dichlorobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Dichlorodifluoromethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,1-Dichloroethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2-Dichloroethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
cis-1,2-Dichloroethene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,1-Dichloroethene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
trans-1,2-Dichloroethene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,3-Dichloropropane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2-Dichloropropane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
2,2-Dichloropropane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
cis-1,3-Dichloropropene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
trans-1,3-Dichloropropene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,1-Dichloropropene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Ethylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Hexachlorobutadiene	ND		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
2-Hexanone	ND		mg/kg dry	0.061	1	05/08/06 00:01	SW846 8260B	6045180
Isopropylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
p-Isopropyltoluene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-01 (MW-6 2' - Soil) - cont. Sampled: 04/28/06 11:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Methylene Chloride	ND		mg/kg dry	0.012	1	05/08/06 00:01	SW846 8260B	6045180
4-Methyl-2-pentanone	ND		mg/kg dry	0.061	1	05/08/06 00:01	SW846 8260B	6045180
Naphthalene	0.011		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
n-Propylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Styrene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Tetrachloroethene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Toluene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,1,2-Trichloroethane	ND		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
1,1,1-Trichloroethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Trichloroethene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Trichlorofluoromethane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2,3-Trichloropropane	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Vinyl chloride	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Xylenes, total	ND		mg/kg dry	0.006	1	05/08/06 00:01	SW846 8260B	6045180
Diisopropyl Ether	ND		mg/kg dry	0.002	1	05/08/06 00:01	SW846 8260B	6045180
Surr: 1,2-Dichloroethane-d4 (72-125%)	85 %					05/08/06 00:01	SW846 8260B	6045180
Surr: Dibromofluoromethane (73-124%)	86 %					05/08/06 00:01	SW846 8260B	6045180
Surr: Toluene-d8 (80-124%)	100 %					05/08/06 00:01	SW846 8260B	6045180
Surr: 4-Bromofluorobenzene (25-185%)	96 %					05/08/06 00:01	SW846 8260B	6045180
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Acenaphthylene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Anthracene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Benzo (a) anthracene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Benzo (a) pyrene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Benzo (b) fluoranthene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Benzo (g,h,i) perylene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Benzo (k) fluoranthene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
4-Bromophenyl phenyl ether	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Butyl benzyl phthalate	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Carbazole	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
4-Chloro-3-methylphenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
4-Chloroaniline	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Bis(2-chloroethyl)ether	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-01 (MW-6 2' - Soil) - cont. Sampled: 04/28/06 11:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
2-Chloronaphthalene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2-Chlorophenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Chrysene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Dibenz (a,h) anthracene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Dibenzofuran	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Di-n-butyl phthalate	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
1,4-Dichlorobenzene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
1,2-Dichlorobenzene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
1,3-Dichlorobenzene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
3,3'-Dichlorobenzidine	ND		mg/kg dry	0.811	1	05/04/06 18:12	SW846 8270C	6050237
2,4-Dichlorophenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Diethyl phthalate	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2,4-Dimethylphenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Dimethyl phthalate	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
2,4-Dinitrophenol	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
2,6-Dinitrotoluene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2,4-Dinitrotoluene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Di-n-octyl phthalate	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Fluoranthene	0.457		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Fluorene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Hexachlorobenzene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Hexachlorobutadiene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Hexachlorocyclopentadiene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Hexachloroethane	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Isophorone	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2-Methylnaphthalene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2-Methylphenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Naphthalene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
3/4-Methylphenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2-Nitroaniline	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
3-Nitroaniline	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
4-Nitroaniline	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
Nitrobenzene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2-Nitrophenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
4-Nitrophenol	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
N-Nitrosodiphenylamine	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
N-Nitrosodi-n-propylamine	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Pentachlorophenol	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
Phenanthrene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-01 (MW-6 2' - Soil) - cont. Sampled: 04/28/06 11:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Pyrene	0.431		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
Pyridine	ND		mg/kg dry	0.811	1	05/04/06 18:12	SW846 8270C	6050237
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2,4,6-Trichlorophenol	ND		mg/kg dry	0.405	1	05/04/06 18:12	SW846 8270C	6050237
2,4,5-Trichlorophenol	ND		mg/kg dry	1.01	1	05/04/06 18:12	SW846 8270C	6050237
Surr: 2-Fluorophenol (26-105%)	52 %					05/04/06 18:12	SW846 8270C	6050237
Surr: Phenol-d5 (33-109%)	64 %					05/04/06 18:12	SW846 8270C	6050237
Surr: Nitrobenzene-d5 (10-153%)	61 %					05/04/06 18:12	SW846 8270C	6050237
Surr: 2-Fluorobiphenyl (35-106%)	60 %					05/04/06 18:12	SW846 8270C	6050237
Surr: 2,4,6-Tribromophenol (21-125%)	61 %					05/04/06 18:12	SW846 8270C	6050237
Surr: Terphenyl-d14 (41-117%)	71 %					05/04/06 18:12	SW846 8270C	6050237
Tentatively Identified Compounds by EPA Method 8270C								
No TIC's Found	ND		mg/kg dry	2.03	1	05/04/06 18:12	SW846 8270C	6050237
Sample ID: NPE0005-02 (MW-6 7' - Soil) Sampled: 04/28/06 11:15								
General Chemistry Parameters								
% Dry Solids	76.5		%	0.500	1	05/03/06 12:40	SW-846	6050270
MADEP VPH								
Methyl tert-Butyl Ether	ND		mg/kg dry	0.157	50	05/03/06 19:35	MADEP VPH	6050573
Benzene	ND		mg/kg dry	0.0523	50	05/03/06 19:35	MADEP VPH	6050573
Toluene	ND		mg/kg dry	0.157	50	05/03/06 19:35	MADEP VPH	6050573
Ethylbenzene	ND		mg/kg dry	0.0523	50	05/03/06 19:35	MADEP VPH	6050573
m,p-Xylene	ND		mg/kg dry	0.209	50	05/03/06 19:35	MADEP VPH	6050573
o-Xylene	ND		mg/kg dry	0.105	50	05/03/06 19:35	MADEP VPH	6050573
Naphthalene	ND		mg/kg dry	0.261	50	05/03/06 19:35	MADEP VPH	6050573
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	ND		mg/kg dry	5.23	50	05/03/06 19:35	MADEP VPH	6050573
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	ND		mg/kg dry	5.23	50	05/03/06 19:35	MADEP VPH	6050573
C5 - C8 Aliphatic Hydrocarbons	ND		mg/kg dry	5.23	50	05/03/06 19:35	MADEP VPH	6050573
C9 - C12 Aliphatic Hydrocarbons	ND		mg/kg dry	5.23	50	05/03/06 19:35	MADEP VPH	6050573
C9 - C10 Aromatic Hydrocarbons	ND		mg/kg dry	5.23	50	05/03/06 19:35	MADEP VPH	6050573
Surr: 2,5-Dibromotoluene (FID) (70-130%)	80 %					05/03/06 19:35	MADEP VPH	6050573
Surr: 2,5-Dibromotoluene (PID) (70-130%)	83 %					05/03/06 19:35	MADEP VPH	6050573
MADEP EPH								
C9 - C18 Aliphatic Hydrocarbons	ND		mg/kg dry	13.0	1	05/04/06 18:31	MADEP EPH	6050047
C19 - C36 Aliphatic Hydrocarbons	ND		mg/kg dry	13.0	1	05/04/06 18:31	MADEP EPH	6050047
C11 - C22 Aromatic Hydrocarbons	ND		mg/kg dry	13.0	1	05/04/06 18:31	MADEP EPH	6050047
C11 - C22 Aromatic Hydrocarbons, Unadjusted	ND		mg/kg dry	13.0	1	05/04/06 18:57	MADEP EPH	6050047
2-Methylnaphthalene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Acenaphthene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Acenaphthylene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Anthracene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Benzo (a) anthracene	ND		mg/kg dry	0.783	1	05/04/06 18:57	MADEP EPH	6050047

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-02 (MW-6 7' - Soil) - cont. Sampled: 04/28/06 11:15								
MADEP EPH - cont.								
Benzo (a) pyrene	ND		mg/kg dry	0.783	1	05/04/06 18:31	MADEP EPH	6050047
Benzo (b) fluoranthene	ND		mg/kg dry	0.783	1	05/04/06 18:57	MADEP EPH	6050047
Benzo (g,h,i) perylene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Benzo (k) fluoranthene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Chrysene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Dibenz (a,h) anthracene	ND		mg/kg dry	0.783	1	05/04/06 18:57	MADEP EPH	6050047
Fluoranthene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Fluorene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.783	1	05/04/06 18:57	MADEP EPH	6050047
Naphthalene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Phenanthrene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Pyrene	ND		mg/kg dry	1.30	1	05/04/06 18:57	MADEP EPH	6050047
Surr: 1-Chlorooctadecane (40-140%)	55 %					05/04/06 18:31	MADEP EPH	6050047
Surr: o-Terphenyl (40-140%)	57 %					05/04/06 18:57	MADEP EPH	6050047
Surr: 2-Fluorobiphenyl (40-140%)	99 %					05/04/06 18:57	MADEP EPH	6050047
Surr: 2-Bromonaphthalene (40-140%)	102 %					05/04/06 18:57	MADEP EPH	6050047
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		mg/kg dry	0.065	1	05/08/06 00:33	SW846 8260B	6045180
Benzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Bromobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Bromochloromethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Bromodichloromethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Bromoform	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Bromomethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
2-Butanone	ND		mg/kg dry	0.065	1	05/08/06 00:33	SW846 8260B	6045180
sec-Butylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
n-Butylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
tert-Butylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Carbon disulfide	0.028		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
Carbon Tetrachloride	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Chlorobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Chlorodibromomethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Chloroethane	ND		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
Chloroform	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Chloromethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
2-Chlorotoluene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
4-Chlorotoluene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
1,2-Dibromoethane (EDB)	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Dibromomethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,4-Dichlorobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,3-Dichlorobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2-Dichlorobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-02 (MW-6 7' - Soil) - cont. Sampled: 04/28/06 11:15								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Dichlorodifluoromethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,1-Dichloroethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2-Dichloroethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
cis-1,2-Dichloroethene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,1-Dichloroethene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
trans-1,2-Dichloroethene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,3-Dichloropropane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2-Dichloropropane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
2,2-Dichloropropane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
cis-1,3-Dichloropropene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
trans-1,3-Dichloropropene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,1-Dichloropropene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Ethylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Hexachlorobutadiene	ND		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
2-Hexanone	ND		mg/kg dry	0.065	1	05/08/06 00:33	SW846 8260B	6045180
Isopropylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
p-Isopropyltoluene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Methyl tert-Butyl Ether	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Methylene Chloride	ND		mg/kg dry	0.013	1	05/08/06 00:33	SW846 8260B	6045180
4-Methyl-2-pentanone	ND		mg/kg dry	0.065	1	05/08/06 00:33	SW846 8260B	6045180
Naphthalene	ND		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
n-Propylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Styrene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Tetrachloroethene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Toluene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2,3-Trichlorobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,1,2-Trichloroethane	ND		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
1,1,1-Trichloroethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Trichloroethene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Trichlorofluoromethane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2,3-Trichloropropane	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,3,5-Trimethylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
1,2,4-Trimethylbenzene	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Vinyl chloride	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Xylenes, total	ND		mg/kg dry	0.007	1	05/08/06 00:33	SW846 8260B	6045180
Diisopropyl Ether	ND		mg/kg dry	0.003	1	05/08/06 00:33	SW846 8260B	6045180
Surr: 1,2-Dichloroethane-d4 (72-125%)	86 %					05/08/06 00:33	SW846 8260B	6045180
Surr: Dibromofluoromethane (73-124%)	85 %					05/08/06 00:33	SW846 8260B	6045180
Surr: Toluene-d8 (80-124%)	98 %					05/08/06 00:33	SW846 8260B	6045180
Surr: 4-Bromofluorobenzene (25-185%)	97 %					05/08/06 00:33	SW846 8260B	6045180

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-02 (MW-6 7' - Soil) - cont. Sampled: 04/28/06 11:15								
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Acenaphthylene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Anthracene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Benzo (a) anthracene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Benzo (a) pyrene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Benzo (b) fluoranthene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Benzo (g,h,i) perylene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Benzo (k) fluoranthene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
4-Bromophenyl phenyl ether	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Butyl benzyl phthalate	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Carbazole	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
4-Chloro-3-methylphenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
4-Chloroaniline	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Bis(2-chloroethyl)ether	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2-Chloronaphthalene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2-Chlorophenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Chrysene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Dibenz (a,h) anthracene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Dibenzofuran	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Di-n-butyl phthalate	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
1,4-Dichlorobenzene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
1,2-Dichlorobenzene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
1,3-Dichlorobenzene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
3,3'-Dichlorobenzidine	ND		mg/kg dry	0.867	1	05/04/06 18:35	SW846 8270C	6050237
2,4-Dichlorophenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Diethyl phthalate	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2,4-Dimethylphenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Dimethyl phthalate	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
2,4-Dinitrophenol	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
2,6-Dinitrotoluene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2,4-Dinitrotoluene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Di-n-octyl phthalate	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Fluoranthene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Fluorene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Hexachlorobenzene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Hexachlorobutadiene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Hexachlorocyclopentadiene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Hexachloroethane	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0005-02 (MW-6 7' - Soil) - cont. Sampled: 04/28/06 11:15								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Isophorone	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2-Methylnaphthalene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2-Methylphenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Naphthalene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
3/4-Methylphenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2-Nitroaniline	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
3-Nitroaniline	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
4-Nitroaniline	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
Nitrobenzene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2-Nitrophenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
4-Nitrophenol	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
N-Nitrosodiphenylamine	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
N-Nitrosodi-n-propylamine	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Pentachlorophenol	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
Phenanthrene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Phenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Pyrene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
Pyridine	ND		mg/kg dry	0.867	1	05/04/06 18:35	SW846 8270C	6050237
1,2,4-Trichlorobenzene	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2,4,6-Trichlorophenol	ND		mg/kg dry	0.433	1	05/04/06 18:35	SW846 8270C	6050237
2,4,5-Trichlorophenol	ND		mg/kg dry	1.08	1	05/04/06 18:35	SW846 8270C	6050237
Surr: 2-Fluorophenol (26-105%)	53 %					05/04/06 18:35	SW846 8270C	6050237
Surr: Phenol-d5 (33-109%)	59 %					05/04/06 18:35	SW846 8270C	6050237
Surr: Nitrobenzene-d5 (10-153%)	57 %					05/04/06 18:35	SW846 8270C	6050237
Surr: 2-Fluorobiphenyl (35-106%)	54 %					05/04/06 18:35	SW846 8270C	6050237
Surr: 2,4,6-Tribromophenol (21-125%)	61 %					05/04/06 18:35	SW846 8270C	6050237
Surr: Terphenyl-d14 (41-117%)	61 %					05/04/06 18:35	SW846 8270C	6050237
Tentatively Identified Compounds by EPA Method 8270C								
No TIC's Found	ND		mg/kg dry	2.17	1	05/04/06 18:35	SW846 8270C	6050237

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
MADEP EPH							
MADEP EPH	6050047	NPE0005-01	10.01	1.00	05/01/06 09:55	BAD	MADEP
MADEP EPH	6051026	NPE0005-01RE1	10.07	1.00	05/05/06 13:55	ACB	MADEP
MADEP EPH	6050047	NPE0005-02	10.02	1.00	05/01/06 09:55	BAD	MADEP
MADEP VPH							
MADEP VPH	6050573	NPE0005-01	5.63	5.00	04/28/06 11:00	DXO	MADEP
MADEP VPH	6050573	NPE0005-02	6.25	5.00	04/28/06 11:15	DXO	MADEP
Semivolatile Organic Compounds by EPA Method 8270C							
SW846 8270C	6050237	NPE0005-01	30.03	1.00	05/03/06 10:00	BXH	EPA 3550B
SW846 8270C	6050237	NPE0005-02	30.17	1.00	05/03/06 10:00	BXH	EPA 3550B
Tentatively Identified Compounds by EPA Method 8270C							
SW846 8270C	6050237	NPE0005-01	30.03	1.00	05/03/06 10:00	BXH	EPA 3550B
SW846 8270C	6050237	NPE0005-02	30.17	1.00	05/03/06 10:00	BXH	EPA 3550B
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6045180	NPE0005-01	5.00	5.00	05/01/06 08:19	NKN	EPA 5035
SW846 8260B	6045180	NPE0005-02	5.00	5.00	05/01/06 08:19	NKN	EPA 5035

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
MADEP VPH						
6050573-BLK1						
Methyl tert-Butyl Ether	0.000160		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
Benzene	0.0000556		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
Toluene	0.000115		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
Ethylbenzene	0.000120		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
m,p-Xylene	0.000132		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
o-Xylene	<0.0000100		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
Naphthalene	0.00159		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	0.00675		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	0.0483		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
C5 - C8 Aliphatic Hydrocarbons	0.00642		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
C9 - C12 Aliphatic Hydrocarbons	0.0459		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
C9 - C10 Aromatic Hydrocarbons	0.00211		mg/kg wet wet	6050573	6050573-BLK1	05/03/06 04:30
Surrogate: 2,5-Dibromotoluene (FID)	85%			6050573	6050573-BLK1	05/03/06 04:30
Surrogate: 2,5-Dibromotoluene (PID)	90%			6050573	6050573-BLK1	05/03/06 04:30

MADEP EPH

6050047-BLK1

C9 - C18 Aliphatic Hydrocarbons	<2.20		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
C19 - C36 Aliphatic Hydrocarbons	<2.90		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
C11 - C22 Aromatic Hydrocarbons	<3.00		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
C11 - C22 Aromatic Hydrocarbons, Unadjusted	<2.94		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
2-Methylnaphthalene	<0.0240		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Acenaphthene	<0.0170		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Acenaphthylene	<0.0160		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Anthracene	<0.0130		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Benzo (a) anthracene	<0.0150		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Benzo (a) pyrene	<0.0110		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Benzo (b) fluoranthene	<0.0180		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Benzo (g,h,i) perylene	<0.0170		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Benzo (k) fluoranthene	<0.0230		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Chrysene	<0.0230		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Dibenz (a,h) anthracene	<0.0150		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Fluoranthene	<0.0150		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Fluorene	<0.0390		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Indeno (1,2,3-cd) pyrene	<0.0150		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Naphthalene	<0.0250		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Phenanthrene	<0.0120		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Pyrene	<0.0140		mg/kg wet wet	6050047	6050047-BLK1	05/04/06 12:43
Surrogate: 1-Chlorooctadecane	70%			6050047	6050047-BLK1	05/04/06 12:43
Surrogate: o-Terphenyl	73%			6050047	6050047-BLK1	05/04/06 12:43
Surrogate: 2-Fluorobiphenyl	103%			6050047	6050047-BLK1	05/04/06 12:43

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
MADEP EPH						
6050047-BLK1						
Surrogate: 2-Bromonaphthalene	104%			6050047	6050047-BLK1	05/04/06 12:43
6051026-BLK1						
C9 - C18 Aliphatic Hydrocarbons	<2.20		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 22:33
C19 - C36 Aliphatic Hydrocarbons	<2.90		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 22:33
C11 - C22 Aromatic Hydrocarbons	<3.00		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 22:33
C11 - C22 Aromatic Hydrocarbons, Unadj	<2.94		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
2-Methylnaphthalene	<0.0240		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Acenaphthene	<0.0170		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Acenaphthylene	<0.0160		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Anthracene	<0.0130		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Benzo (a) anthracene	<0.0150		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Benzo (a) pyrene	<0.0110		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Benzo (b) fluoranthene	<0.0180		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Benzo (g,h,i) perylene	<0.0170		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Benzo (k) fluoranthene	<0.0230		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Chrysene	<0.0230		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Dibenz (a,h) anthracene	<0.0150		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Fluoranthene	<0.0150		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Fluorene	<0.0390		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Indeno (1,2,3-cd) pyrene	<0.0150		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Naphthalene	<0.0250		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Phenanthrene	<0.0120		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Pyrene	<0.0140		mg/kg wet wet	6051026	6051026-BLK1	05/06/06 23:00
Surrogate: 1-Chlorooctadecane	78%			6051026	6051026-BLK1	05/06/06 22:33
Surrogate: o-Terphenyl	78%			6051026	6051026-BLK1	05/06/06 23:00
Surrogate: 2-Fluorobiphenyl	63%			6051026	6051026-BLK1	05/06/06 23:00
Surrogate: 2-Bromonaphthalene	66%			6051026	6051026-BLK1	05/06/06 23:00

Volatile Organic Compounds by EPA Method 8260B

6045180-BLK1						
Acetone	<0.020		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Benzene	<0.0004		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Bromobenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Bromochloromethane	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Bromodichloromethane	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Bromoform	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Bromomethane	<0.0007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
2-Butanone	<0.007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
sec-Butylbenzene	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
n-Butylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
tert-Butylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6045180-BLK1						
Carbon disulfide	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Carbon Tetrachloride	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Chlorobenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Chlorodibromomethane	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Chloroethane	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Chloroform	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Chloromethane	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
2-Chlorotoluene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
4-Chlorotoluene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2-Dibromo-3-chloropropane	<0.002		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2-Dibromoethane (EDB)	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Dibromomethane	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,4-Dichlorobenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,3-Dichlorobenzene	<0.0007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2-Dichlorobenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Dichlorodifluoromethane	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1-Dichloroethane	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2-Dichloroethane	<0.0007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
cis-1,2-Dichloroethene	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1-Dichloroethene	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
trans-1,2-Dichloroethene	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,3-Dichloropropane	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2-Dichloropropane	<0.0007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
2,2-Dichloropropane	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
cis-1,3-Dichloropropene	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
trans-1,3-Dichloropropene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1-Dichloropropene	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Ethylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Hexachlorobutadiene	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
2-Hexanone	<0.005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Isopropylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
p-Isopropyltoluene	<0.0007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Methyl tert-Butyl Ether	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Methylene Chloride	<0.002		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
4-Methyl-2-pentanone	<0.004		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Naphthalene	0.004		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
n-Propylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Styrene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1,1,2-Tetrachloroethane	<0.0009		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1,2,2-Tetrachloroethane	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Tetrachloroethene	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Toluene	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6045180-BLK1						
1,2,3-Trichlorobenzene	0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2,4-Trichlorobenzene	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1,2-Trichloroethane	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,1,1-Trichloroethane	<0.0004		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Trichloroethene	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Trichlorofluoromethane	<0.0007		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2,3-Trichloropropane	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,3,5-Trimethylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
1,2,4-Trimethylbenzene	<0.0005		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Vinyl chloride	<0.0008		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Xylenes, total	<0.001		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Diisopropyl Ether	<0.0006		mg/kg wet wet	6045180	6045180-BLK1	05/07/06 15:41
Surrogate: 1,2-Dichloroethane-d4	90%			6045180	6045180-BLK1	05/07/06 15:41
Surrogate: Dibromofluoromethane	88%			6045180	6045180-BLK1	05/07/06 15:41
Surrogate: Toluene-d8	98%			6045180	6045180-BLK1	05/07/06 15:41
Surrogate: 4-Bromofluorobenzene	95%			6045180	6045180-BLK1	05/07/06 15:41

Semivolatile Organic Compounds by EPA Method 8270C

6050237-BLK1						
Acenaphthene	<0.0170		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Acenaphthylene	<0.0160		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Anthracene	<0.0130		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Benzo (a) anthracene	<0.0150		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Benzo (a) pyrene	<0.0110		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Benzo (b) fluoranthene	<0.0180		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Benzo (g,h,i) perylene	<0.0170		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Benzo (k) fluoranthene	<0.0230		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4-Bromophenyl phenyl ether	<0.0450		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Butyl benzyl phthalate	<0.0560		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Carbazole	<0.0540		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4-Chloro-3-methylphenol	<0.0700		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4-Chloroaniline	<0.170		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Bis(2-chloroethoxy)methane	<0.0520		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Bis(2-chloroethyl)ether	<0.0780		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Bis(2-chloroisopropyl)ether	<0.0830		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2-Chloronaphthalene	<0.0640		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2-Chlorophenol	<0.0920		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4-Chlorophenyl phenyl ether	<0.0490		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Chrysene	<0.0230		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Dibenz (a,h) anthracene	<0.0150		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Dibenzofuran	<0.0560		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C						
6050237-BLK1						
Di-n-butyl phthalate	<0.160		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
1,4-Dichlorobenzene	<0.0910		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
1,2-Dichlorobenzene	<0.0950		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
1,3-Dichlorobenzene	<0.0810		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
3,3'-Dichlorobenzidine	<0.230		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2,4-Dichlorophenol	<0.0690		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Diethyl phthalate	<0.0600		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2,4-Dimethylphenol	<0.130		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Dimethyl phthalate	<0.0460		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4,6-Dinitro-2-methylphenol	<0.310		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2,4-Dinitrophenol	<0.0560		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2,6-Dinitrotoluene	<0.0930		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2,4-Dinitrotoluene	<0.0560		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Di-n-octyl phthalate	<0.130		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Bis(2-ethylhexyl)phthalate	<0.0620		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Fluoranthene	<0.0150		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Fluorene	<0.0390		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Hexachlorobenzene	<0.0540		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Hexachlorobutadiene	<0.0670		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Hexachlorocyclopentadiene	<0.0680		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Hexachloroethane	<0.0910		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Indeno (1,2,3-cd) pyrene	<0.0150		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Isophorone	<0.0470		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2-Methylnaphthalene	<0.0240		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2-Methylphenol	<0.0790		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Naphthalene	<0.0250		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
3/4-Methylphenol	<0.110		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2-Nitroaniline	<0.0850		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
3-Nitroaniline	<0.0610		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4-Nitroaniline	<0.0750		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Nitrobenzene	<0.0560		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2-Nitrophenol	<0.0500		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
4-Nitrophenol	<0.230		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
N-Nitrosodiphenylamine	<0.0550		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
N-Nitrosodi-n-propylamine	<0.0840		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Pentachlorophenol	<0.150		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Phenanthrene	<0.0120		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Phenol	<0.0690		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Pyrene	<0.0140		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Pyridine	<0.270		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
1,2,4-Trichlorobenzene	<0.0630		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
2,4,6-Trichlorophenol	<0.0690		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C						
6050237-BLK1						
2,4,5-Trichlorophenol	<0.0810		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17
Surrogate: 2-Fluorophenol	66%			6050237	6050237-BLK1	05/04/06 16:17
Surrogate: Phenol-d5	71%			6050237	6050237-BLK1	05/04/06 16:17
Surrogate: Nitrobenzene-d5	72%			6050237	6050237-BLK1	05/04/06 16:17
Surrogate: 2-Fluorobiphenyl	66%			6050237	6050237-BLK1	05/04/06 16:17
Surrogate: 2,4,6-Tribromophenol	63%			6050237	6050237-BLK1	05/04/06 16:17
Surrogate: Terphenyl-d14	70%			6050237	6050237-BLK1	05/04/06 16:17

Tentatively Identified Compounds by EPA Method 8270C

6050237-BLK1						
No TIC's Found	<1.67		mg/kg wet wet	6050237	6050237-BLK1	05/04/06 16:17

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
MADEP VPH								
6050573-BS1								
Methyl tert-Butyl Ether	50.0	46.8		ug/L wet	94%	70 - 130	6050573	05/03/06 02:42
Benzene	50.0	52.8		ug/L wet	106%	70 - 130	6050573	05/03/06 02:42
Toluene	50.0	52.9		ug/L wet	106%	70 - 130	6050573	05/03/06 02:42
Ethylbenzene	50.0	56.2		ug/L wet	112%	70 - 130	6050573	05/03/06 02:42
m,p-Xylene	100	116		ug/L wet	116%	70 - 130	6050573	05/03/06 02:42
o-Xylene	50.0	56.5		ug/L wet	113%	70 - 130	6050573	05/03/06 02:42
Naphthalene	50.0	40.2		ug/L wet	80%	70 - 130	6050573	05/03/06 02:42
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	150	142		ug/L wet	95%	70 - 130	6050573	05/03/06 02:42
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	100	87.3		ug/L wet	87%	70 - 130	6050573	05/03/06 02:42
C9 - C10 Aromatic Hydrocarbons	50.0	53.2		ug/L wet	106%	70 - 130	6050573	05/03/06 02:42
Surrogate: 2,5-Dibromotoluene (FID)	90.0	80.4			89%	70 - 130	6050573	05/03/06 02:42
Surrogate: 2,5-Dibromotoluene (PID)	90.0	83.7			93%	70 - 130	6050573	05/03/06 02:42

MADEP EPH

6050047-BS1

C9 - C18 Aliphatic Hydrocarbons	15.0	9.90		mg/kg wet wet	66%	40 - 140	6050047	05/04/06 13:09
C19 - C36 Aliphatic Hydrocarbons	20.0	16.7		mg/kg wet wet	84%	40 - 140	6050047	05/04/06 13:09
C11 - C22 Aromatic Hydrocarbons	42.5	35.9		mg/kg wet wet	84%	40 - 140	6050047	05/04/06 13:09
C11 - C22 Aromatic Hydrocarbons, Unadjusted	42.5	35.8		mg/kg wet wet	84%	40 - 140	6050047	05/04/06 13:37
2-Methylnaphthalene	2.50	2.00		mg/kg wet wet	80%	40 - 140	6050047	05/04/06 13:37
Acenaphthene	2.50	2.08		mg/kg wet wet	83%	40 - 140	6050047	05/04/06 13:37
Acenaphthylene	2.50	2.06		mg/kg wet wet	82%	40 - 140	6050047	05/04/06 13:37
Anthracene	2.50	2.23		mg/kg wet wet	89%	40 - 140	6050047	05/04/06 13:37
Benzo (a) anthracene	2.50	2.23		mg/kg wet wet	89%	40 - 140	6050047	05/04/06 13:37
Benzo (a) pyrene	2.50	2.10		mg/kg wet wet	84%	40 - 140	6050047	05/04/06 13:09
Benzo (b) fluoranthene	2.50	2.02		mg/kg wet wet	81%	40 - 140	6050047	05/04/06 13:37
Benzo (g,h,i) perylene	2.50	2.00		mg/kg wet wet	80%	40 - 140	6050047	05/04/06 13:37
Benzo (k) fluoranthene	2.50	2.23		mg/kg wet wet	89%	40 - 140	6050047	05/04/06 13:37
Chrysene	2.50	2.06		mg/kg wet wet	82%	40 - 140	6050047	05/04/06 13:37
Dibenz (a,h) anthracene	2.50	2.03		mg/kg wet wet	81%	40 - 140	6050047	05/04/06 13:37
Fluoranthene	2.50	2.12		mg/kg wet wet	85%	40 - 140	6050047	05/04/06 13:37
Fluorene	2.50	2.13		mg/kg wet wet	85%	40 - 140	6050047	05/04/06 13:37
Indeno (1,2,3-cd) pyrene	2.50	1.87		mg/kg wet wet	75%	40 - 140	6050047	05/04/06 13:37
Naphthalene	2.50	1.98		mg/kg wet wet	79%	40 - 140	6050047	05/04/06 13:37
Phenanthrene	2.50	2.12		mg/kg wet wet	85%	40 - 140	6050047	05/04/06 13:37
Pyrene	2.50	2.18		mg/kg wet wet	87%	40 - 140	6050047	05/04/06 13:37
Surrogate: 1-Chlorooctadecane	2.00	1.62			81%	40 - 140	6050047	05/04/06 13:09
Surrogate: o-Terphenyl	2.00	1.71			86%	40 - 140	6050047	05/04/06 13:37
Surrogate: 2-Fluorobiphenyl	4.00	4.42			110%	40 - 140	6050047	05/04/06 13:37
Surrogate: 2-Bromonaphthalene	4.00	4.48			112%	40 - 140	6050047	05/04/06 13:37

6051026-BS1

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
MADEP EPH								
6051026-BS1								
C9 - C18 Aliphatic Hydrocarbons	15.0	17.2		mg/kg wet wet	115%	40 - 140	6051026	05/06/06 23:27
C19 - C36 Aliphatic Hydrocarbons	20.0	24.5		mg/kg wet wet	122%	40 - 140	6051026	05/06/06 23:27
C11 - C22 Aromatic Hydrocarbons	42.5	47.1		mg/kg wet wet	111%	40 - 140	6051026	05/06/06 23:27
C11 - C22 Aromatic Hydrocarbons, Unadjusted	42.5	47.1		mg/kg wet wet	111%	40 - 140	6051026	05/06/06 23:54
2-Methylnaphthalene	2.50	2.78		mg/kg wet wet	111%	40 - 140	6051026	05/06/06 23:54
Acenaphthene	2.50	2.88		mg/kg wet wet	115%	40 - 140	6051026	05/06/06 23:54
Acenaphthylene	2.50	2.81		mg/kg wet wet	112%	40 - 140	6051026	05/06/06 23:54
Anthracene	2.50	3.01		mg/kg wet wet	120%	40 - 140	6051026	05/06/06 23:54
Benzo (a) anthracene	2.50	2.76		mg/kg wet wet	110%	40 - 140	6051026	05/06/06 23:54
Benzo (a) pyrene	2.50	2.68		mg/kg wet wet	107%	40 - 140	6051026	05/06/06 23:54
Benzo (b) fluoranthene	2.50	2.66		mg/kg wet wet	106%	40 - 140	6051026	05/06/06 23:54
Benzo (g,h,i) perylene	2.50	2.57		mg/kg wet wet	103%	40 - 140	6051026	05/06/06 23:54
Benzo (k) fluoranthene	2.50	2.68		mg/kg wet wet	107%	40 - 140	6051026	05/06/06 23:54
Chrysene	2.50	2.75		mg/kg wet wet	110%	40 - 140	6051026	05/06/06 23:54
Dibenz (a,h) anthracene	2.50	2.55		mg/kg wet wet	102%	40 - 140	6051026	05/06/06 23:54
Fluoranthene	2.50	2.83		mg/kg wet wet	113%	40 - 140	6051026	05/06/06 23:54
Fluorene	2.50	2.95		mg/kg wet wet	118%	40 - 140	6051026	05/06/06 23:54
Indeno (1,2,3-cd) pyrene	2.50	2.55		mg/kg wet wet	102%	40 - 140	6051026	05/06/06 23:54
Naphthalene	2.50	2.78		mg/kg wet wet	111%	40 - 140	6051026	05/06/06 23:54
Phenanthrene	2.50	2.96		mg/kg wet wet	118%	40 - 140	6051026	05/06/06 23:54
Pyrene	2.50	2.89		mg/kg wet wet	116%	40 - 140	6051026	05/06/06 23:54
Surrogate: 1-Chlorooctadecane	2.00	1.73			86%	40 - 140	6051026	05/06/06 23:27
Surrogate: o-Terphenyl	2.00	1.34			67%	40 - 140	6051026	05/06/06 23:54
Surrogate: 2-Fluorobiphenyl	4.00	2.24			56%	40 - 140	6051026	05/06/06 23:54
Surrogate: 2-Bromonaphthalene	4.00	2.39			60%	40 - 140	6051026	05/06/06 23:54

Volatile Organic Compounds by EPA Method 8260B

6045180-BS1								
Acetone	250	248		ug/kg wet	99%	36 - 163	6045180	05/07/06 15:09
Benzene	50.0	52.0		ug/kg wet	104%	76 - 123	6045180	05/07/06 15:09
Bromobenzene	50.0	53.0		ug/kg wet	106%	71 - 125	6045180	05/07/06 15:09
Bromochloromethane	50.0	52.4		ug/kg wet	105%	72 - 134	6045180	05/07/06 15:09
Bromodichloromethane	50.0	47.7		ug/kg wet	95%	67 - 132	6045180	05/07/06 15:09
Bromoform	50.0	48.5		ug/kg wet	97%	55 - 130	6045180	05/07/06 15:09
Bromomethane	50.0	43.5		ug/kg wet	87%	43 - 148	6045180	05/07/06 15:09
2-Butanone	250	240		ug/kg wet	96%	54 - 147	6045180	05/07/06 15:09
sec-Butylbenzene	50.0	53.9		ug/kg wet	108%	70 - 131	6045180	05/07/06 15:09
n-Butylbenzene	50.0	55.6		ug/kg wet	111%	59 - 142	6045180	05/07/06 15:09
tert-Butylbenzene	50.0	54.9		ug/kg wet	110%	73 - 127	6045180	05/07/06 15:09
Carbon disulfide	50.0	49.2		ug/kg wet	98%	64 - 137	6045180	05/07/06 15:09
Carbon Tetrachloride	50.0	49.8		ug/kg wet	100%	62 - 137	6045180	05/07/06 15:09

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6045180-BS1								
Chlorobenzene	50.0	53.0		ug/kg wet	106%	80 - 121	6045180	05/07/06 15:09
Chlorodibromomethane	50.0	50.0		ug/kg wet	100%	65 - 129	6045180	05/07/06 15:09
Chloroethane	50.0	45.1		ug/kg wet	90%	49 - 149	6045180	05/07/06 15:09
Chloroform	50.0	49.4		ug/kg wet	99%	74 - 127	6045180	05/07/06 15:09
Chloromethane	50.0	44.2		ug/kg wet	88%	43 - 147	6045180	05/07/06 15:09
2-Chlorotoluene	50.0	54.4		ug/kg wet	109%	69 - 129	6045180	05/07/06 15:09
4-Chlorotoluene	50.0	54.3		ug/kg wet	109%	68 - 131	6045180	05/07/06 15:09
1,2-Dibromo-3-chloropropane	50.0	49.3		ug/kg wet	99%	50 - 137	6045180	05/07/06 15:09
1,2-Dibromoethane (EDB)	50.0	51.9		ug/kg wet	104%	54 - 147	6045180	05/07/06 15:09
Dibromomethane	50.0	48.8		ug/kg wet	98%	70 - 129	6045180	05/07/06 15:09
1,4-Dichlorobenzene	50.0	54.3		ug/kg wet	109%	69 - 129	6045180	05/07/06 15:09
1,3-Dichlorobenzene	50.0	56.0		ug/kg wet	112%	69 - 130	6045180	05/07/06 15:09
1,2-Dichlorobenzene	50.0	56.2		ug/kg wet	112%	74 - 127	6045180	05/07/06 15:09
Dichlorodifluoromethane	50.0	37.5		ug/kg wet	75%	30 - 161	6045180	05/07/06 15:09
1,1-Dichloroethane	50.0	51.2		ug/kg wet	102%	70 - 132	6045180	05/07/06 15:09
1,2-Dichloroethane	50.0	50.4		ug/kg wet	101%	67 - 131	6045180	05/07/06 15:09
cis-1,2-Dichloroethene	50.0	50.7		ug/kg wet	101%	75 - 126	6045180	05/07/06 15:09
1,1-Dichloroethene	50.0	51.1		ug/kg wet	102%	69 - 137	6045180	05/07/06 15:09
trans-1,2-Dichloroethene	50.0	51.2		ug/kg wet	102%	70 - 133	6045180	05/07/06 15:09
1,3-Dichloropropane	50.0	51.6		ug/kg wet	103%	75 - 125	6045180	05/07/06 15:09
1,2-Dichloropropane	50.0	48.8		ug/kg wet	98%	74 - 128	6045180	05/07/06 15:09
2,2-Dichloropropane	50.0	57.5		ug/kg wet	115%	56 - 140	6045180	05/07/06 15:09
cis-1,3-Dichloropropene	50.0	51.9		ug/kg wet	104%	63 - 137	6045180	05/07/06 15:09
trans-1,3-Dichloropropene	50.0	49.0		ug/kg wet	98%	66 - 125	6045180	05/07/06 15:09
1,1-Dichloropropene	50.0	52.8		ug/kg wet	106%	76 - 127	6045180	05/07/06 15:09
Ethylbenzene	50.0	52.1		ug/kg wet	104%	77 - 125	6045180	05/07/06 15:09
Hexachlorobutadiene	50.0	56.6		ug/kg wet	113%	54 - 146	6045180	05/07/06 15:09
2-Hexanone	250	241		ug/kg wet	96%	58 - 140	6045180	05/07/06 15:09
Isopropylbenzene	50.0	50.0		ug/kg wet	100%	77 - 127	6045180	05/07/06 15:09
p-Isopropyltoluene	50.0	52.7		ug/kg wet	105%	68 - 132	6045180	05/07/06 15:09
Methyl tert-Butyl Ether	50.0	37.5		ug/kg wet	75%	63 - 140	6045180	05/07/06 15:09
Methylene Chloride	50.0	53.9		ug/kg wet	108%	66 - 137	6045180	05/07/06 15:09
4-Methyl-2-pentanone	250	246		ug/kg wet	98%	60 - 139	6045180	05/07/06 15:09
Naphthalene	50.0	57.4		ug/kg wet	115%	55 - 144	6045180	05/07/06 15:09
n-Propylbenzene	50.0	55.6		ug/kg wet	111%	69 - 132	6045180	05/07/06 15:09
Styrene	50.0	54.8		ug/kg wet	110%	76 - 127	6045180	05/07/06 15:09
1,1,1,2-Tetrachloroethane	50.0	53.1		ug/kg wet	106%	74 - 127	6045180	05/07/06 15:09
1,1,2,2-Tetrachloroethane	50.0	51.5		ug/kg wet	103%	64 - 132	6045180	05/07/06 15:09
Tetrachloroethene	50.0	51.8		ug/kg wet	104%	74 - 128	6045180	05/07/06 15:09
Toluene	50.0	51.2		ug/kg wet	102%	79 - 122	6045180	05/07/06 15:09
1,2,3-Trichlorobenzene	50.0	58.4		ug/kg wet	117%	55 - 148	6045180	05/07/06 15:09

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6045180-BS1								
1,2,4-Trichlorobenzene	50.0	60.0		ug/kg wet	120%	47 - 152	6045180	05/07/06 15:09
1,1,2-Trichloroethane	50.0	51.4		ug/kg wet	103%	74 - 127	6045180	05/07/06 15:09
1,1,1-Trichloroethane	50.0	49.8		ug/kg wet	100%	69 - 133	6045180	05/07/06 15:09
Trichloroethene	50.0	51.1		ug/kg wet	102%	70 - 135	6045180	05/07/06 15:09
Trichlorofluoromethane	50.0	39.9		ug/kg wet	80%	55 - 147	6045180	05/07/06 15:09
1,2,3-Trichloropropane	50.0	110	L	ug/kg wet	220%	60 - 133	6045180	05/07/06 15:09
1,3,5-Trimethylbenzene	50.0	54.8		ug/kg wet	110%	71 - 129	6045180	05/07/06 15:09
1,2,4-Trimethylbenzene	50.0	54.5		ug/kg wet	109%	68 - 130	6045180	05/07/06 15:09
Vinyl chloride	50.0	46.2		ug/kg wet	92%	56 - 142	6045180	05/07/06 15:09
Xylenes, total	150	157		ug/kg wet	105%	71 - 129	6045180	05/07/06 15:09
Diisopropyl Ether	50.0	47.8		ug/kg wet	96%	68 - 133	6045180	05/07/06 15:09
Surrogate: 1,2-Dichloroethane-d4	50.0	45.2			90%	72 - 125	6045180	05/07/06 15:09
Surrogate: Dibromofluoromethane	50.0	44.3			89%	73 - 124	6045180	05/07/06 15:09
Surrogate: Toluene-d8	50.0	48.5			97%	80 - 124	6045180	05/07/06 15:09
Surrogate: 4-Bromofluorobenzene	50.0	47.0			94%	25 - 185	6045180	05/07/06 15:09

Semivolatile Organic Compounds by EPA Method 8270C

6050237-BS1								
Acenaphthene	1.67	1.17		mg/kg wet wet	70%	50 - 111	6050237	05/04/06 16:40
Acenaphthylene	1.67	1.18		mg/kg wet wet	71%	51 - 114	6050237	05/04/06 16:40
Anthracene	1.67	1.30		mg/kg wet wet	78%	51 - 122	6050237	05/04/06 16:40
Benzo (a) anthracene	1.67	1.24		mg/kg wet wet	74%	51 - 116	6050237	05/04/06 16:40
Benzo (a) pyrene	1.67	1.25		mg/kg wet wet	75%	46 - 130	6050237	05/04/06 16:40
Benzo (b) fluoranthene	1.67	1.17		mg/kg wet wet	70%	42 - 130	6050237	05/04/06 16:40
Benzo (g,h,i) perylene	1.67	1.25		mg/kg wet wet	75%	40 - 133	6050237	05/04/06 16:40
Benzo (k) fluoranthene	1.67	1.35		mg/kg wet wet	81%	44 - 129	6050237	05/04/06 16:40
4-Bromophenyl phenyl ether	1.67	1.00		mg/kg wet wet	60%	46 - 102	6050237	05/04/06 16:40
Butyl benzyl phthalate	1.67	1.47		mg/kg wet wet	88%	53 - 125	6050237	05/04/06 16:40
Carbazole	1.67	1.21		mg/kg wet wet	72%	54 - 118	6050237	05/04/06 16:40
4-Chloro-3-methylphenol	1.67	1.23		mg/kg wet wet	74%	53 - 105	6050237	05/04/06 16:40
4-Chloroaniline	1.67	1.23		mg/kg wet wet	74%	41 - 109	6050237	05/04/06 16:40
Bis(2-chloroethoxy)methane	1.67	1.21		mg/kg wet wet	72%	54 - 112	6050237	05/04/06 16:40
Bis(2-chloroethyl)ether	1.67	0.862		mg/kg wet wet	52%	51 - 106	6050237	05/04/06 16:40
Bis(2-chloroisopropyl)ether	1.67	1.04		mg/kg wet wet	62%	49 - 109	6050237	05/04/06 16:40
2-Chloronaphthalene	1.67	1.17		mg/kg wet wet	70%	49 - 112	6050237	05/04/06 16:40
2-Chlorophenol	1.67	1.08		mg/kg wet wet	65%	50 - 105	6050237	05/04/06 16:40
4-Chlorophenyl phenyl ether	1.67	1.15		mg/kg wet wet	69%	49 - 108	6050237	05/04/06 16:40
Chrysene	1.67	1.23		mg/kg wet wet	74%	51 - 116	6050237	05/04/06 16:40
Dibenz (a,h) anthracene	1.67	1.26		mg/kg wet wet	75%	45 - 131	6050237	05/04/06 16:40
Dibenzofuran	1.67	1.18		mg/kg wet wet	71%	52 - 113	6050237	05/04/06 16:40
Di-n-butyl phthalate	1.67	1.34		mg/kg wet wet	80%	55 - 117	6050237	05/04/06 16:40

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C								
6050237-BS1								
1,4-Dichlorobenzene	1.67	0.989		mg/kg wet wet	59%	49 - 104	6050237	05/04/06 16:40
1,2-Dichlorobenzene	1.68	1.06		mg/kg wet wet	63%	50 - 110	6050237	05/04/06 16:40
1,3-Dichlorobenzene	1.67	1.05		mg/kg wet wet	63%	48 - 108	6050237	05/04/06 16:40
3,3'-Dichlorobenzidine	1.67	1.04		mg/kg wet wet	62%	42 - 117	6050237	05/04/06 16:40
2,4-Dichlorophenol	1.67	1.11		mg/kg wet wet	66%	49 - 105	6050237	05/04/06 16:40
Diethyl phthalate	1.67	1.19		mg/kg wet wet	71%	51 - 113	6050237	05/04/06 16:40
2,4-Dimethylphenol	1.67	1.01		mg/kg wet wet	60%	18 - 136	6050237	05/04/06 16:40
Dimethyl phthalate	1.67	1.16		mg/kg wet wet	69%	53 - 111	6050237	05/04/06 16:40
4,6-Dinitro-2-methylphenol	1.67	0.826		mg/kg wet wet	49%	37 - 112	6050237	05/04/06 16:40
2,4-Dinitrophenol	1.67	0.897		mg/kg wet wet	54%	21 - 111	6050237	05/04/06 16:40
2,6-Dinitrotoluene	1.67	1.22		mg/kg wet wet	73%	56 - 120	6050237	05/04/06 16:40
2,4-Dinitrotoluene	1.67	1.27		mg/kg wet wet	76%	54 - 119	6050237	05/04/06 16:40
Di-n-octyl phthalate	1.67	1.49		mg/kg wet wet	89%	30 - 133	6050237	05/04/06 16:40
Bis(2-ethylhexyl)phthalate	1.67	1.47		mg/kg wet wet	88%	42 - 130	6050237	05/04/06 16:40
Fluoranthene	1.67	1.16		mg/kg wet wet	69%	53 - 117	6050237	05/04/06 16:40
Fluorene	1.67	1.22		mg/kg wet wet	73%	53 - 111	6050237	05/04/06 16:40
Hexachlorobenzene	1.67	1.12		mg/kg wet wet	67%	49 - 120	6050237	05/04/06 16:40
Hexachlorobutadiene	1.67	1.16		mg/kg wet wet	69%	50 - 121	6050237	05/04/06 16:40
Hexachlorocyclopentadiene	1.67	0.595		mg/kg wet wet	36%	23 - 125	6050237	05/04/06 16:40
Hexachloroethane	1.67	1.02		mg/kg wet wet	61%	46 - 109	6050237	05/04/06 16:40
Indeno (1,2,3-cd) pyrene	1.67	1.22		mg/kg wet wet	73%	43 - 131	6050237	05/04/06 16:40
Isophorone	1.67	1.36		mg/kg wet wet	81%	48 - 111	6050237	05/04/06 16:40
2-Methylnaphthalene	1.67	1.18		mg/kg wet wet	71%	41 - 126	6050237	05/04/06 16:40
2-Methylphenol	1.67	1.24		mg/kg wet wet	74%	50 - 116	6050237	05/04/06 16:40
Naphthalene	1.67	1.05		mg/kg wet wet	63%	47 - 107	6050237	05/04/06 16:40
3/4-Methylphenol	1.67	1.34		mg/kg wet wet	80%	49 - 129	6050237	05/04/06 16:40
2-Nitroaniline	1.67	1.22		mg/kg wet wet	73%	55 - 117	6050237	05/04/06 16:40
3-Nitroaniline	1.67	1.17		mg/kg wet wet	70%	45 - 122	6050237	05/04/06 16:40
4-Nitroaniline	1.67	1.15		mg/kg wet wet	69%	48 - 118	6050237	05/04/06 16:40
Nitrobenzene	1.67	1.22		mg/kg wet wet	73%	49 - 106	6050237	05/04/06 16:40
2-Nitrophenol	1.67	1.05		mg/kg wet wet	63%	47 - 106	6050237	05/04/06 16:40
4-Nitrophenol	1.67	1.13		mg/kg wet wet	68%	44 - 120	6050237	05/04/06 16:40
N-Nitrosodiphenylamine	1.67	1.78		mg/kg wet wet	107%	49 - 114	6050237	05/04/06 16:40
N-Nitrosodi-n-propylamine	1.67	1.38		mg/kg wet wet	83%	49 - 107	6050237	05/04/06 16:40
Pentachlorophenol	1.67	1.16		mg/kg wet wet	69%	30 - 127	6050237	05/04/06 16:40
Phenanthrene	1.67	1.19		mg/kg wet wet	71%	52 - 113	6050237	05/04/06 16:40
Phenol	1.67	1.11		mg/kg wet wet	66%	51 - 110	6050237	05/04/06 16:40
Pyrene	1.67	1.29		mg/kg wet wet	77%	50 - 119	6050237	05/04/06 16:40
Pyridine	1.67	0.967		mg/kg wet wet	58%	37 - 107	6050237	05/04/06 16:40
1,2,4-Trichlorobenzene	1.67	1.03		mg/kg wet wet	62%	39 - 111	6050237	05/04/06 16:40
2,4,6-Trichlorophenol	1.67	1.05		mg/kg wet wet	63%	48 - 111	6050237	05/04/06 16:40

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C								
6050237-BS1								
2,4,5-Trichlorophenol	1.67	1.24		mg/kg wet wet	74%	50 - 116	6050237	05/04/06 16:40
Surrogate: 2-Fluorophenol	1.67	0.933			56%	26 - 105	6050237	05/04/06 16:40
Surrogate: Phenol-d5	1.67	1.06			63%	33 - 109	6050237	05/04/06 16:40
Surrogate: Nitrobenzene-d5	1.67	1.08			65%	10 - 153	6050237	05/04/06 16:40
Surrogate: 2-Fluorobiphenyl	1.67	1.04			62%	35 - 106	6050237	05/04/06 16:40
Surrogate: 2,4,6-Trihromophenol	1.67	0.937			56%	21 - 125	6050237	05/04/06 16:40
Surrogate: Terphenyl-d14	1.67	1.14			68%	41 - 117	6050237	05/04/06 16:40

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
MADEP VPH												
6050573-BSD1												
Methyl tert-Butyl Ether		46.4		ug/L wet	50.0	93%	70 - 130	0.9	25	6050573		05/03/06 22:18
Benzene		53.2		ug/L wet	50.0	106%	70 - 130	0.8	25	6050573		05/03/06 22:18
Toluene		55.0		ug/L wet	50.0	110%	70 - 130	4	25	6050573		05/03/06 22:18
Ethylbenzene		59.3		ug/L wet	50.0	119%	70 - 130	5	25	6050573		05/03/06 22:18
m,p-Xylene		123		ug/L wet	100	123%	70 - 130	6	25	6050573		05/03/06 22:18
o-Xylene		58.2		ug/L wet	50.0	116%	70 - 130	3	25	6050573		05/03/06 22:18
Naphthalene		62.3	R	ug/L wet	50.0	125%	70 - 130	43	25	6050573		05/03/06 22:18
C5 - C8 Aliphatic Hydrocarbons, Unadjusted		121		ug/L wet	150	81%	70 - 130	16	25	6050573		05/03/06 22:18
C9 - C12 Aliphatic Hydrocarbons, Unadjusted		105		ug/L wet	100	105%	70 - 130	18	25	6050573		05/03/06 22:18
C9 - C10 Aromatic Hydrocarbons		64.2		ug/L wet	50.0	128%	70 - 130	19	25	6050573		05/03/06 22:18
Surrogate: 2,5-Dibromotoluene (FID)		81.6		ug/L wet	90.0	91%	70 - 130			6050573		05/03/06 22:18
Surrogate: 2,5-Dibromotoluene (PID)		77.0		ug/L wet	90.0	86%	70 - 130			6050573		05/03/06 22:18

MADEP EPH

6050047-BSD1

C9 - C18 Aliphatic Hydrocarbons	10.3			mg/kg wet wet	15.0	69%	40 - 140	4	25	6050047		05/04/06 14:03
C19 - C36 Aliphatic Hydrocarbons	16.3			mg/kg wet wet	20.0	82%	40 - 140	2	25	6050047		05/04/06 14:03
C11 - C22 Aromatic Hydrocarbons	37.7			mg/kg wet wet	42.5	89%	40 - 140	5	25	6050047		05/04/06 14:03
C11 - C22 Aromatic Hydrocarbons, Unadjusted	37.7			mg/kg wet wet	42.5	89%	40 - 140	5	25	6050047		05/04/06 14:30
2-Methylnaphthalene	2.09			mg/kg wet wet	2.50	84%	40 - 140	4	25	6050047		05/04/06 14:30
Acenaphthene	2.19			mg/kg wet wet	2.50	88%	40 - 140	5	25	6050047		05/04/06 14:30
Acenaphthylene	2.16			mg/kg wet wet	2.50	86%	40 - 140	5	25	6050047		05/04/06 14:30
Anthracene	2.34			mg/kg wet wet	2.50	94%	40 - 140	5	25	6050047		05/04/06 14:30
Benzo (a) anthracene	2.30			mg/kg wet wet	2.50	92%	40 - 140	3	25	6050047		05/04/06 14:30
Benzo (a) pyrene	2.20			mg/kg wet wet	2.50	88%	40 - 140	5	25	6050047		05/04/06 14:03
Benzo (b) fluoranthene	2.34			mg/kg wet wet	2.50	94%	40 - 140	15	25	6050047		05/04/06 14:30
Benzo (g,h,i) perylene	2.14			mg/kg wet wet	2.50	86%	40 - 140	7	25	6050047		05/04/06 14:30
Benzo (k) fluoranthene	2.07			mg/kg wet wet	2.50	83%	40 - 140	7	25	6050047		05/04/06 14:30
Chrysene	2.16			mg/kg wet wet	2.50	86%	40 - 140	5	25	6050047		05/04/06 14:30
Dibenz (a,h) anthracene	2.16			mg/kg wet wet	2.50	86%	40 - 140	6	25	6050047		05/04/06 14:30
Fluoranthene	2.23			mg/kg wet wet	2.50	89%	40 - 140	5	25	6050047		05/04/06 14:30
Fluorene	2.24			mg/kg wet wet	2.50	90%	40 - 140	5	25	6050047		05/04/06 14:30
Indeno (1,2,3-cd) pyrene	1.94			mg/kg wet wet	2.50	78%	40 - 140	4	25	6050047		05/04/06 14:30
Naphthalene	2.07			mg/kg wet wet	2.50	83%	40 - 140	4	25	6050047		05/04/06 14:30
Phenanthrene	2.23			mg/kg wet wet	2.50	89%	40 - 140	5	25	6050047		05/04/06 14:30
Pyrene	2.28			mg/kg wet wet	2.50	91%	40 - 140	4	25	6050047		05/04/06 14:30
Surrogate: 1-Chlorooctadecane	1.64			mg/kg wet wet	2.00	82%	40 - 140			6050047		05/04/06 14:03
Surrogate: o-Terphenyl	1.76			mg/kg wet wet	2.00	88%	40 - 140			6050047		05/04/06 14:30
Surrogate: 2-Fluorobiphenyl	4.66			mg/kg wet wet	4.00	116%	40 - 140			6050047		05/04/06 14:30
Surrogate: 2-Bromonaphthalene	4.74			mg/kg wet wet	4.00	118%	40 - 140			6050047		05/04/06 14:30

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
MADEP EPH												
6051026-BSD1												
C9 - C18 Aliphatic Hydrocarbons		16.3		mg/kg wet wet	15.0	109%	40 - 140	5	25	6051026		05/07/06 00:21
C19 - C36 Aliphatic Hydrocarbons		25.1		mg/kg wet wet	20.0	126%	40 - 140	2	25	6051026		05/07/06 00:21
C11 - C22 Aromatic Hydrocarbons		42.7		mg/kg wet wet	42.5	100%	40 - 140	10	25	6051026		05/07/06 00:21
C11 - C22 Aromatic Hydrocarbons, Unadjusted		42.7		mg/kg wet wet	42.5	100%	40 - 140	10	25	6051026		05/07/06 00:48
2-Methylnaphthalene		2.44		mg/kg wet wet	2.50	98%	40 - 140	13	25	6051026		05/07/06 00:48
Acenaphthene		2.56		mg/kg wet wet	2.50	102%	40 - 140	12	25	6051026		05/07/06 00:48
Acenaphthylene		2.50		mg/kg wet wet	2.50	100%	40 - 140	12	25	6051026		05/07/06 00:48
Anthracene		2.72		mg/kg wet wet	2.50	109%	40 - 140	10	25	6051026		05/07/06 00:48
Benzo (a) anthracene		2.54		mg/kg wet wet	2.50	102%	40 - 140	8	25	6051026		05/07/06 00:48
Benzo (a) pyrene		2.48		mg/kg wet wet	2.50	99%	40 - 140	8	25	6051026		05/07/06 00:48
Benzo (b) fluoranthene		2.45		mg/kg wet wet	2.50	98%	40 - 140	8	25	6051026		05/07/06 00:48
Benzo (g,h,i) perylene		2.36		mg/kg wet wet	2.50	94%	40 - 140	9	25	6051026		05/07/06 00:48
Benzo (k) fluoranthene		2.48		mg/kg wet wet	2.50	99%	40 - 140	8	25	6051026		05/07/06 00:48
Chrysene		2.51		mg/kg wet wet	2.50	100%	40 - 140	9	25	6051026		05/07/06 00:48
Dibenz (a,h) anthracene		2.33		mg/kg wet wet	2.50	93%	40 - 140	9	25	6051026		05/07/06 00:48
Fluoranthene		2.59		mg/kg wet wet	2.50	104%	40 - 140	9	25	6051026		05/07/06 00:48
Fluorene		2.64		mg/kg wet wet	2.50	106%	40 - 140	11	25	6051026		05/07/06 00:48
Indeno (1,2,3-cd) pyrene		2.34		mg/kg wet wet	2.50	94%	40 - 140	9	25	6051026		05/07/06 00:48
Naphthalene		2.42		mg/kg wet wet	2.50	97%	40 - 140	14	25	6051026		05/07/06 00:48
Phenanthrene		2.68		mg/kg wet wet	2.50	107%	40 - 140	10	25	6051026		05/07/06 00:48
Pyrene		2.65		mg/kg wet wet	2.50	106%	40 - 140	9	25	6051026		05/07/06 00:48
Surrogate: 1-Chlorooctadecane		1.74		mg/kg wet wet	2.00	87%	40 - 140			6051026		05/07/06 00:21
Surrogate: o-Terphenyl		1.28		mg/kg wet wet	2.00	64%	40 - 140			6051026		05/07/06 00:48
Surrogate: 2-Fluorobiphenyl		2.01		mg/kg wet wet	4.00	50%	40 - 140			6051026		05/07/06 00:48
Surrogate: 2-Bromonaphthalene		2.15		mg/kg wet wet	4.00	54%	40 - 140			6051026		05/07/06 00:48

Semivolatile Organic Compounds by EPA Method 8270C

6050237-BSD1												
Acenaphthene	1.31			mg/kg wet wet	1.67	78%	50 - 111	11	36	6050237		05/04/06 17:03
Acenaphthylene	1.32			mg/kg wet wet	1.67	79%	51 - 114	11	37	6050237		05/04/06 17:03
Anthracene	1.47			mg/kg wet wet	1.67	88%	51 - 122	12	34	6050237		05/04/06 17:03
Benzo (a) anthracene	1.39			mg/kg wet wet	1.67	83%	51 - 116	11	37	6050237		05/04/06 17:03
Benzo (a) pyrene	1.40			mg/kg wet wet	1.67	84%	46 - 130	11	38	6050237		05/04/06 17:03
Benzo (b) fluoranthene	1.34			mg/kg wet wet	1.67	80%	42 - 130	14	43	6050237		05/04/06 17:03
Benzo (g,h,i) perylene	1.36			mg/kg wet wet	1.67	81%	40 - 133	8	41	6050237		05/04/06 17:03
Benzo (k) fluoranthene	1.49			mg/kg wet wet	1.67	89%	44 - 129	10	39	6050237		05/04/06 17:03
4-Bromophenyl phenyl ether	1.12			mg/kg wet wet	1.67	67%	46 - 102	11	34	6050237		05/04/06 17:03
Butyl benzyl phthalate	1.65			mg/kg wet wet	1.67	99%	53 - 125	12	38	6050237		05/04/06 17:03
Carbazole	1.34			mg/kg wet wet	1.67	80%	54 - 118	10	35	6050237		05/04/06 17:03
4-Chloro-3-methylphenol	1.40			mg/kg wet wet	1.67	84%	53 - 105	13	38	6050237		05/04/06 17:03
4-Chloroaniline	1.43			mg/kg wet wet	1.67	86%	41 - 109	15	42	6050237		05/04/06 17:03

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C												
6050237-BSO1												
Bis(2-chloroethoxy)methane		1.42		mg/kg wet wet	1.67	85%	54 - 112	16	39	6050237		05/04/06 17:03
Bis(2-chloroethyl)ether		0.999		mg/kg wet wet	1.67	60%	51 - 106	15	44	6050237		05/04/06 17:03
Bis(2-chloroisopropyl)ether		1.26		mg/kg wet wet	1.67	75%	49 - 109	19	40	6050237		05/04/06 17:03
2-Chloronaphthalene		1.28		mg/kg wet wet	1.67	77%	49 - 112	9	38	6050237		05/04/06 17:03
2-Chlorophenol		1.30		mg/kg wet wet	1.67	78%	50 - 105	18	39	6050237		05/04/06 17:03
4-Chlorophenyl phenyl ether		1.21		mg/kg wet wet	1.67	72%	49 - 108	5	36	6050237		05/04/06 17:03
Chrysene		1.37		mg/kg wet wet	1.67	82%	51 - 116	11	38	6050237		05/04/06 17:03
Dibenz (a,h) anthracene		1.44		mg/kg wet wet	1.67	86%	45 - 131	13	40	6050237		05/04/06 17:03
Dibenzofuran		1.29		mg/kg wet wet	1.67	77%	52 - 113	9	34	6050237		05/04/06 17:03
Di-n-butyl phthalate		1.47		mg/kg wet wet	1.67	88%	55 - 117	9	35	6050237		05/04/06 17:03
1,4-Dichlorobenzene		1.18		mg/kg wet wet	1.67	71%	49 - 104	18	40	6050237		05/04/06 17:03
1,2-Dichlorobenzene		1.27		mg/kg wet wet	1.68	76%	50 - 110	18	38	6050237		05/04/06 17:03
1,3-Dichlorobenzene		1.21		mg/kg wet wet	1.67	72%	48 - 108	14	39	6050237		05/04/06 17:03
3,3'-Dichlorobenzidine		1.20		mg/kg wet wet	1.67	72%	42 - 117	14	44	6050237		05/04/06 17:03
2,4-Dichlorophenol		1.35		mg/kg wet wet	1.67	81%	49 - 105	20	39	6050237		05/04/06 17:03
Diethyl phthalate		1.27		mg/kg wet wet	1.67	76%	51 - 113	7	36	6050237		05/04/06 17:03
2,4-Dimethylphenol		1.11		mg/kg wet wet	1.67	66%	18 - 136	9	70	6050237		05/04/06 17:03
Dimethyl phthalate		1.25		mg/kg wet wet	1.67	75%	53 - 111	7	35	6050237		05/04/06 17:03
4,6-Dinitro-2-methylphenol		0.941		mg/kg wet wet	1.67	56%	37 - 112	13	37	6050237		05/04/06 17:03
2,4-Dinitrophenol		1.00		mg/kg wet wet	1.67	60%	21 - 111	11	43	6050237		05/04/06 17:03
2,6-Dinitrotoluene		1.34		mg/kg wet wet	1.67	80%	56 - 120	9	39	6050237		05/04/06 17:03
2,4-Dinitrotoluene		1.36		mg/kg wet wet	1.67	81%	54 - 119	7	42	6050237		05/04/06 17:03
Di-n-octyl phthalate		1.68		mg/kg wet wet	1.67	101%	30 - 133	12	42	6050237		05/04/06 17:03
Bis(2-ethylhexyl)phthalate		1.63		mg/kg wet wet	1.67	98%	42 - 130	10	39	6050237		05/04/06 17:03
Fluoranthene		1.29		mg/kg wet wet	1.67	77%	53 - 117	11	37	6050237		05/04/06 17:03
Fluorene		1.31		mg/kg wet wet	1.67	78%	53 - 111	7	36	6050237		05/04/06 17:03
Hexachlorobenzene		1.25		mg/kg wet wet	1.67	75%	49 - 120	11	37	6050237		05/04/06 17:03
Hexachlorobutadiene		1.37		mg/kg wet wet	1.67	82%	50 - 121	17	38	6050237		05/04/06 17:03
Hexachlorocyclopentadiene		0.755		mg/kg wet wet	1.67	45%	23 - 125	24	45	6050237		05/04/06 17:03
Hexachloroethane		1.25		mg/kg wet wet	1.67	75%	46 - 109	20	40	6050237		05/04/06 17:03
Indeno (1,2,3-cd) pyrene		1.38		mg/kg wet wet	1.67	83%	43 - 131	12	41	6050237		05/04/06 17:03
Isophorone		1.59		mg/kg wet wet	1.67	95%	48 - 111	16	36	6050237		05/04/06 17:03
2-Methylnaphthalene		1.36		mg/kg wet wet	1.67	81%	41 - 126	14	49	6050237		05/04/06 17:03
2-Methylphenol		1.48		mg/kg wet wet	1.67	89%	50 - 116	18	47	6050237		05/04/06 17:03
Naphthalene		1.23		mg/kg wet wet	1.67	74%	47 - 107	16	41	6050237		05/04/06 17:03
3/4-Methylphenol		1.58		mg/kg wet wet	1.67	95%	49 - 129	16	46	6050237		05/04/06 17:03
2-Nitroaniline		1.37		mg/kg wet wet	1.67	82%	55 - 117	12	37	6050237		05/04/06 17:03
3-Nitroaniline		1.35		mg/kg wet wet	1.67	81%	45 - 122	14	36	6050237		05/04/06 17:03
4-Nitroaniline		1.29		mg/kg wet wet	1.67	77%	48 - 118	11	40	6050237		05/04/06 17:03
Nitrobenzene		1.44		mg/kg wet wet	1.67	86%	49 - 106	17	38	6050237		05/04/06 17:03
2-Nitrophenol		1.18		mg/kg wet wet	1.67	71%	47 - 106	12	48	6050237		05/04/06 17:03

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C												
6050237-BSD1												
4-Nitrophenol	1.29			mg/kg wet wet	1.67	77%	44 - 120	13	39	6050237		05/04/06 17:03
N-Nitrosodiphenylamine	2.04	L		mg/kg wet wet	1.67	122%	49 - 114	14	48	6050237		05/04/06 17:03
N-Nitrosodi-n-propylamine	1.69			mg/kg wet wet	1.67	101%	49 - 107	20	39	6050237		05/04/06 17:03
Pentachlorophenol	1.35			mg/kg wet wet	1.67	81%	30 - 127	15	44	6050237		05/04/06 17:03
Phenanthrene	1.36			mg/kg wet wet	1.67	81%	52 - 113	13	39	6050237		05/04/06 17:03
Phenol	1.40			mg/kg wet wet	1.67	84%	51 - 110	23	37	6050237		05/04/06 17:03
Pyrene	1.43			mg/kg wet wet	1.67	86%	50 - 119	10	40	6050237		05/04/06 17:03
Pyridine	1.26			mg/kg wet wet	1.67	75%	37 - 107	26	51	6050237		05/04/06 17:03
1,2,4-Trichlorobenzene	1.25			mg/kg wet wet	1.67	75%	39 - 111	19	37	6050237		05/04/06 17:03
2,4,6-Trichlorophenol	1.19			mg/kg wet wet	1.67	71%	48 - 111	13	36	6050237		05/04/06 17:03
2,4,5-Trichlorophenol	1.41			mg/kg wet wet	1.67	84%	50 - 116	13	37	6050237		05/04/06 17:03
Surrogate: 2-Fluorophenol	1.16			mg/kg wet wet	1.67	69%	26 - 105			6050237		05/04/06 17:03
Surrogate: Phenol-d5	1.30			mg/kg wet wet	1.67	78%	33 - 109			6050237		05/04/06 17:03
Surrogate: Nitrobenzene-d5	1.33			mg/kg wet wet	1.67	80%	10 - 153			6050237		05/04/06 17:03
Surrogate: 2-Fluorobiphenyl	1.20			mg/kg wet wet	1.67	72%	35 - 106			6050237		05/04/06 17:03
Surrogate: 2,4,6-Tribromophenol	1.09			mg/kg wet wet	1.67	65%	21 - 125			6050237		05/04/06 17:03
Surrogate: Terphenyl-d14	1.27			mg/kg wet wet	1.67	76%	41 - 117			6050237		05/04/06 17:03

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C										
6050237-MS1										
Acenaphthene	ND	1.14		mg/kg wet wet	1.63	70%	41 - 118	6050237	NPE0061-08	05/04/06 17:26
Acenaphthylene	ND	1.16		mg/kg wet wet	1.63	71%	43 - 117	6050237	NPE0061-08	05/04/06 17:26
Anthracene	ND	1.27		mg/kg wet wet	1.63	78%	40 - 127	6050237	NPE0061-08	05/04/06 17:26
Benzo (a) anthracene	ND	1.24		mg/kg wet wet	1.63	76%	44 - 120	6050237	NPE0061-08	05/04/06 17:26
Benzo (a) pyrene	ND	1.20		mg/kg wet wet	1.63	74%	37 - 133	6050237	NPE0061-08	05/04/06 17:26
Benzo (b) fluoranthene	ND	1.11		mg/kg wet wet	1.63	68%	37 - 134	6050237	NPE0061-08	05/04/06 17:26
Benzo (g,h,i) perylene	ND	1.18		mg/kg wet wet	1.63	72%	36 - 135	6050237	NPE0061-08	05/04/06 17:26
Benzo (k) fluoranthene	ND	1.36		mg/kg wet wet	1.63	83%	34 - 136	6050237	NPE0061-08	05/04/06 17:26
4-Bromophenyl phenyl ether	ND	1.02		mg/kg wet wet	1.63	63%	39 - 106	6050237	NPE0061-08	05/04/06 17:26
Butyl benzyl phthalate	ND	1.42		mg/kg wet wet	1.63	87%	48 - 127	6050237	NPE0061-08	05/04/06 17:26
Carbazole	ND	1.21		mg/kg wet wet	1.63	74%	42 - 124	6050237	NPE0061-08	05/04/06 17:26
4-Chloro-3-methylphenol	ND	1.21		mg/kg wet wet	1.63	74%	33 - 121	6050237	NPE0061-08	05/04/06 17:26
4-Chloroaniline	ND	1.21		mg/kg wet wet	1.63	74%	22 - 113	6050237	NPE0061-08	05/04/06 17:26
Bis(2-chloroethoxy)methane	ND	1.13		mg/kg wet wet	1.63	69%	44 - 117	6050237	NPE0061-08	05/04/06 17:26
Bis(2-chloroethyl)ether	ND	0.822		mg/kg wet wet	1.63	50%	40 - 111	6050237	NPE0061-08	05/04/06 17:26
Bis(2-chloroisopropyl)ether	ND	0.963		mg/kg wet wet	1.63	59%	40 - 113	6050237	NPE0061-08	05/04/06 17:26
2-Chloronaphthalene	ND	1.13		mg/kg wet wet	1.63	69%	41 - 116	6050237	NPE0061-08	05/04/06 17:26
2-Chlorophenol	ND	1.02		mg/kg wet wet	1.63	63%	35 - 112	6050237	NPE0061-08	05/04/06 17:26
4-Chlorophenyl phenyl ether	ND	1.12		mg/kg wet wet	1.63	69%	40 - 114	6050237	NPE0061-08	05/04/06 17:26
Chrysene	ND	1.22		mg/kg wet wet	1.63	75%	44 - 121	6050237	NPE0061-08	05/04/06 17:26
Dibenz (a,h) anthracene	ND	1.25		mg/kg wet wet	1.63	77%	38 - 136	6050237	NPE0061-08	05/04/06 17:26
Dibenzofuran	ND	1.13		mg/kg wet wet	1.63	69%	43 - 118	6050237	NPE0061-08	05/04/06 17:26
Di-n-butyl phthalate	ND	1.26		mg/kg wet wet	1.63	77%	49 - 120	6050237	NPE0061-08	05/04/06 17:26
1,4-Dichlorobenzene	ND	0.827		mg/kg wet wet	1.63	51%	40 - 107	6050237	NPE0061-08	05/04/06 17:26
1,2-Dichlorobenzene	ND	0.907		mg/kg wet wet	1.65	55%	40 - 112	6050237	NPE0061-08	05/04/06 17:26

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C										
6050237-MS1										
1,3-Dichlorobenzene	ND	0.857		mg/kg wet wet	1.63	53%	39 - 109	6050237	NPE0061-08	05/04/06 17:26
3,3'-Dichlorobenzidine	ND	1.09		mg/kg wet wet	1.63	67%	16 - 121	6050237	NPE0061-08	05/04/06 17:26
2,4-Dichlorophenol	ND	1.09		mg/kg wet wet	1.63	67%	38 - 111	6050237	NPE0061-08	05/04/06 17:26
Diethyl phthalate	ND	1.14		mg/kg wet wet	1.63	70%	45 - 113	6050237	NPE0061-08	05/04/06 17:26
2,4-Dimethylphenol	ND	1.07		mg/kg wet wet	1.63	66%	1 - 146	6050237	NPE0061-08	05/04/06 17:26
Dimethyl phthalate	ND	1.12		mg/kg wet wet	1.63	69%	45 - 113	6050237	NPE0061-08	05/04/06 17:26
4,6-Dinitro-2-methylphenol	ND	0.860		mg/kg wet wet	1.63	53%	30 - 115	6050237	NPE0061-08	05/04/06 17:26
2,4-Dinitrophenol	ND	0.813		mg/kg wet wet	1.63	50%	17 - 112	6050237	NPE0061-08	05/04/06 17:26
2,6-Dinitrotoluene	ND	1.25		mg/kg wet wet	1.63	77%	44 - 127	6050237	NPE0061-08	05/04/06 17:26
2,4-Dinitrotoluene	ND	1.24		mg/kg wet wet	1.63	76%	42 - 126	6050237	NPE0061-08	05/04/06 17:26
Di-n-octyl phthalate	ND	1.46		mg/kg wet wet	1.63	90%	20 - 140	6050237	NPE0061-08	05/04/06 17:26
Bis(2-ethylhexyl)phthalate	ND	1.41		mg/kg wet wet	1.63	87%	32 - 136	6050237	NPE0061-08	05/04/06 17:26
Fluoranthene	ND	1.13		mg/kg wet wet	1.63	69%	39 - 129	6050237	NPE0061-08	05/04/06 17:26
Fluorene	ND	1.17		mg/kg wet wet	1.63	72%	42 - 120	6050237	NPE0061-08	05/04/06 17:26
Hexachlorobenzene	ND	1.12		mg/kg wet wet	1.63	69%	41 - 124	6050237	NPE0061-08	05/04/06 17:26
Hexachlorobutadiene	ND	0.969		mg/kg wet wet	1.63	59%	42 - 124	6050237	NPE0061-08	05/04/06 17:26
Hexachlorocyclopentadiene	ND	0.560		mg/kg wet wet	1.63	34%	18 - 125	6050237	NPE0061-08	05/04/06 17:26
Hexachloroethane	ND	0.849		mg/kg wet wet	1.63	52%	37 - 111	6050237	NPE0061-08	05/04/06 17:26
Indeno (1,2,3-cd) pyrene	ND	1.18		mg/kg wet wet	1.63	72%	35 - 135	6050237	NPE0061-08	05/04/06 17:26
Isophorone	ND	1.24		mg/kg wet wet	1.63	76%	39 - 116	6050237	NPE0061-08	05/04/06 17:26
2-Methylnaphthalene	ND	1.06		mg/kg wet wet	1.63	65%	32 - 131	6050237	NPE0061-08	05/04/06 17:26
2-Methylphenol	ND	1.21		mg/kg wet wet	1.63	74%	23 - 125	6050237	NPE0061-08	05/04/06 17:26
Naphthalene	ND	0.963		mg/kg wet wet	1.63	59%	37 - 115	6050237	NPE0061-08	05/04/06 17:26
3/4-Methylphenol	ND	1.36		mg/kg wet wet	1.63	83%	24 - 138	6050237	NPE0061-08	05/04/06 17:26
2-Nitroaniline	ND	1.24		mg/kg wet wet	1.63	76%	48 - 121	6050237	NPE0061-08	05/04/06 17:26

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C										
6050237-MS1										
3-Nitroaniline	ND	1.22		mg/kg wet wet	1.63	75%	33 - 122	6050237	NPE0061-08	05/04/06 17:26
4-Nitroaniline	ND	1.15		mg/kg wet wet	1.63	71%	30 - 122	6050237	NPE0061-08	05/04/06 17:26
Nitrobenzene	ND	1.13		mg/kg wet wet	1.63	69%	32 - 119	6050237	NPE0061-08	05/04/06 17:26
2-Nitrophenol	ND	0.946		mg/kg wet wet	1.63	58%	37 - 111	6050237	NPE0061-08	05/04/06 17:26
4-Nitrophenol	ND	1.26		mg/kg wet wet	1.63	77%	29 - 131	6050237	NPE0061-08	05/04/06 17:26
N-Nitrosodiphenylamine	ND	1.77		mg/kg wet wet	1.63	109%	27 - 136	6050237	NPE0061-08	05/04/06 17:26
N-Nitrosodi-n-propylamine	ND	1.33		mg/kg wet wet	1.63	82%	38 - 116	6050237	NPE0061-08	05/04/06 17:26
Pentachlorophenol	ND	1.15		mg/kg wet wet	1.63	71%	15 - 135	6050237	NPE0061-08	05/04/06 17:26
Phenanthrene	ND	1.21		mg/kg wet wet	1.63	74%	40 - 125	6050237	NPE0061-08	05/04/06 17:26
Phenol	ND	1.10		mg/kg wet wet	1.63	67%	38 - 116	6050237	NPE0061-08	05/04/06 17:26
Pyrene	ND	1.26		mg/kg wet wet	1.63	77%	40 - 128	6050237	NPE0061-08	05/04/06 17:26
Pyridine	ND	0.824		mg/kg wet wet	1.63	51%	11 - 107	6050237	NPE0061-08	05/04/06 17:26
1,2,4-Trichlorobenzene	ND	0.924		mg/kg wet wet	1.63	57%	39 - 111	6050237	NPE0061-08	05/04/06 17:26
2,4,6-Trichlorophenol	ND	1.11		mg/kg wet wet	1.63	68%	37 - 113	6050237	NPE0061-08	05/04/06 17:26
2,4,5-Trichlorophenol	ND	1.26		mg/kg wet wet	1.63	77%	41 - 119	6050237	NPE0061-08	05/04/06 17:26
Surrogate: 2-Fluorophenol		0.842		mg/kg wet wet	1.64	51%	26 - 105	6050237	NPE0061-08	05/04/06 17:26
Surrogate: Phenol-d5		1.01		mg/kg wet wet	1.64	62%	33 - 109	6050237	NPE0061-08	05/04/06 17:26
Surrogate: Nitrobenzene-d5		0.933		mg/kg wet wet	1.64	57%	10 - 153	6050237	NPE0061-08	05/04/06 17:26
Surrogate: 2-Fluorobiphenyl		0.908		mg/kg wet wet	1.64	55%	35 - 106	6050237	NPE0061-08	05/04/06 17:26
Surrogate: 2,4,6-Tribromophenol		0.933		mg/kg wet wet	1.64	57%	21 - 125	6050237	NPE0061-08	05/04/06 17:26
Surrogate: Terphenyl-d14		1.05		mg/kg wet wet	1.64	64%	41 - 117	6050237	NPE0061-08	05/04/06 17:26

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C												
6050237-MSD1												
Acenaphthene	ND	1.19		mg/kg wet wet	1.62	73%	41 - 118	4	36	6050237	NPE0061-08	05/04/06 17:49
Acenaphthylene	ND	1.17		mg/kg wet wet	1.62	72%	43 - 117	0.9	37	6050237	NPE0061-08	05/04/06 17:49
Anthracene	ND	1.31		mg/kg wet wet	1.62	81%	40 - 127	3	34	6050237	NPE0061-08	05/04/06 17:49
Benzo (a) anthracene	ND	1.29		mg/kg wet wet	1.62	80%	44 - 120	4	37	6050237	NPE0061-08	05/04/06 17:49
Benzo (a) pyrene	ND	1.29		mg/kg wet wet	1.62	80%	37 - 133	7	38	6050237	NPE0061-08	05/04/06 17:49
Benzo (b) fluoranthene	ND	1.41		mg/kg wet wet	1.62	87%	37 - 134	24	43	6050237	NPE0061-08	05/04/06 17:49
Benzo (g,h,i) perylene	ND	1.25		mg/kg wet wet	1.62	77%	36 - 135	6	41	6050237	NPE0061-08	05/04/06 17:49
Benzo (k) fluoranthene	ND	1.22		mg/kg wet wet	1.62	75%	34 - 136	11	39	6050237	NPE0061-08	05/04/06 17:49
4-Bromophenyl phenyl ether	ND	1.00		mg/kg wet wet	1.62	62%	39 - 106	2	34	6050237	NPE0061-08	05/04/06 17:49
Butyl benzyl phthalate	ND	1.43		mg/kg wet wet	1.62	88%	48 - 127	0.7	38	6050237	NPE0061-08	05/04/06 17:49
Carbazole	ND	1.24		mg/kg wet wet	1.62	77%	42 - 124	2	35	6050237	NPE0061-08	05/04/06 17:49
4-Chloro-3-methylphenol	ND	1.33		mg/kg wet wet	1.62	82%	33 - 121	9	38	6050237	NPE0061-08	05/04/06 17:49
4-Chloroaniline	ND	1.35		mg/kg wet wet	1.62	83%	22 - 113	11	42	6050237	NPE0061-08	05/04/06 17:49
Bis(2-chloroethoxy)methane	ND	1.29		mg/kg wet wet	1.62	80%	44 - 117	13	39	6050237	NPE0061-08	05/04/06 17:49
Bis(2-chloroethyl)ether	ND	0.860		mg/kg wet wet	1.62	53%	40 - 111	5	44	6050237	NPE0061-08	05/04/06 17:49
Bis(2-chloroisopropyl)ether	ND	1.00		mg/kg wet wet	1.62	62%	40 - 113	4	40	6050237	NPE0061-08	05/04/06 17:49
2-Chloronaphthalene	ND	1.17		mg/kg wet wet	1.62	72%	41 - 116	3	38	6050237	NPE0061-08	05/04/06 17:49
2-Chlorophenol	ND	1.10		mg/kg wet wet	1.62	68%	35 - 112	8	39	6050237	NPE0061-08	05/04/06 17:49
4-Chlorophenyl phenyl ether	ND	1.14		mg/kg wet wet	1.62	70%	40 - 114	2	36	6050237	NPE0061-08	05/04/06 17:49
Chrysene	ND	1.26		mg/kg wet wet	1.62	78%	44 - 121	3	38	6050237	NPE0061-08	05/04/06 17:49
Dibenz (a,h) anthracene	ND	1.30		mg/kg wet wet	1.62	80%	38 - 136	4	40	6050237	NPE0061-08	05/04/06 17:49
Dibenzofuran	ND	1.17		mg/kg wet wet	1.62	72%	43 - 118	3	34	6050237	NPE0061-08	05/04/06 17:49
Di-n-butyl phthalate	ND	1.31		mg/kg wet wet	1.62	81%	49 - 120	4	35	6050237	NPE0061-08	05/04/06 17:49
1,4-Dichlorobenzene	ND	0.905		mg/kg wet wet	1.62	56%	40 - 107	9	40	6050237	NPE0061-08	05/04/06 17:49
1,2-Dichlorobenzene	ND	0.982		mg/kg wet wet	1.64	60%	40 - 112	8	38	6050237	NPE0061-08	05/04/06 17:49
1,3-Dichlorobenzene	ND	0.903		mg/kg wet wet	1.62	56%	39 - 109	5	39	6050237	NPE0061-08	05/04/06 17:49
3,3'-Dichlorobenzidine	ND	1.08		mg/kg wet wet	1.62	67%	16 - 121	0.9	44	6050237	NPE0061-08	05/04/06 17:49
2,4-Dichlorophenol	ND	1.17		mg/kg wet wet	1.62	72%	38 - 111	7	39	6050237	NPE0061-08	05/04/06 17:49
Diethyl phthalate	ND	1.17		mg/kg wet wet	1.62	72%	45 - 113	3	36	6050237	NPE0061-08	05/04/06 17:49
2,4-Dimethylphenol	ND	1.22		mg/kg wet wet	1.62	75%	1 - 146	13	70	6050237	NPE0061-08	05/04/06 17:49
Dimethyl phthalate	ND	1.17		mg/kg wet wet	1.62	72%	45 - 113	4	35	6050237	NPE0061-08	05/04/06 17:49
4,6-Dinitro-2-methylphenol	ND	0.831		mg/kg wet wet	1.62	51%	30 - 115	3	37	6050237	NPE0061-08	05/04/06 17:49
2,4-Dinitrophenol	ND	0.818		mg/kg wet wet	1.62	50%	17 - 112	0.6	43	6050237	NPE0061-08	05/04/06 17:49
2,6-Dinitrotoluene	ND	1.23		mg/kg wet wet	1.62	76%	44 - 127	2	39	6050237	NPE0061-08	05/04/06 17:49
2,4-Dinitrotoluene	ND	1.25		mg/kg wet wet	1.62	77%	42 - 126	0.8	42	6050237	NPE0061-08	05/04/06 17:49
Di-n-octyl phthalate	ND	1.52		mg/kg wet wet	1.62	94%	20 - 140	4	42	6050237	NPE0061-08	05/04/06 17:49
Bis(2-ethylhexyl)phthalate	ND	1.45		mg/kg wet wet	1.62	90%	32 - 136	3	39	6050237	NPE0061-08	05/04/06 17:49
Fluoranthene	ND	1.22		mg/kg wet wet	1.62	75%	39 - 129	8	37	6050237	NPE0061-08	05/04/06 17:49
Fluorene	ND	1.20		mg/kg wet wet	1.62	74%	42 - 120	3	36	6050237	NPE0061-08	05/04/06 17:49
Hexachlorobenzene	ND	1.11		mg/kg wet wet	1.62	69%	41 - 124	0.9	37	6050237	NPE0061-08	05/04/06 17:49
Hexachlorobutadiene	ND	1.11		mg/kg wet wet	1.62	69%	42 - 124	14	38	6050237	NPE0061-08	05/04/06 17:49

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C												
6050237-MSD1												
Hexachlorocyclopentadiene	ND	0.616		mg/kg wet wet	1.62	38%	18 - 125	10	45	6050237	NPE0061-08	05/04/06 17:49
Hexachloroethane	ND	0.895		mg/kg wet wet	1.62	55%	37 - 111	5	40	6050237	NPE0061-08	05/04/06 17:49
Indeno (1,2,3-cd) pyrene	ND	1.23		mg/kg wet wet	1.62	76%	35 - 135	4	41	6050237	NPE0061-08	05/04/06 17:49
Isophorone	ND	1.41		mg/kg wet wet	1.62	87%	39 - 116	13	36	6050237	NPE0061-08	05/04/06 17:49
2-Methylnaphthalene	ND	1.16		mg/kg wet wet	1.62	72%	32 - 131	9	49	6050237	NPE0061-08	05/04/06 17:49
2-Methylphenol	ND	1.29		mg/kg wet wet	1.62	80%	23 - 125	6	47	6050237	NPE0061-08	05/04/06 17:49
Naphthalene	ND	1.07		mg/kg wet wet	1.62	66%	37 - 115	11	41	6050237	NPE0061-08	05/04/06 17:49
3/4-Methylphenol	ND	1.41		mg/kg wet wet	1.62	87%	24 - 138	4	46	6050237	NPE0061-08	05/04/06 17:49
2-Nitroaniline	ND	1.24		mg/kg wet wet	1.62	77%	48 - 121	0	37	6050237	NPE0061-08	05/04/06 17:49
3-Nitroaniline	ND	1.25		mg/kg wet wet	1.62	77%	33 - 122	2	36	6050237	NPE0061-08	05/04/06 17:49
4-Nitroaniline	ND	1.17		mg/kg wet wet	1.62	72%	30 - 122	2	40	6050237	NPE0061-08	05/04/06 17:49
Nitrobenzene	ND	1.24		mg/kg wet wet	1.62	77%	32 - 119	9	38	6050237	NPE0061-08	05/04/06 17:49
2-Nitrophenol	ND	1.10		mg/kg wet wet	1.62	68%	37 - 111	15	48	6050237	NPE0061-08	05/04/06 17:49
4-Nitrophenol	ND	1.28		mg/kg wet wet	1.62	79%	29 - 131	2	39	6050237	NPE0061-08	05/04/06 17:49
N-Nitrosodiphenylamine	ND	1.79		mg/kg wet wet	1.62	110%	27 - 136	1	48	6050237	NPE0061-08	05/04/06 17:49
N-Nitrosodi-n-propylamine	ND	1.49		mg/kg wet wet	1.62	92%	38 - 116	11	39	6050237	NPE0061-08	05/04/06 17:49
Pentachlorophenol	ND	1.16		mg/kg wet wet	1.62	72%	15 - 135	0.9	44	6050237	NPE0061-08	05/04/06 17:49
Phenanthrene	ND	1.34		mg/kg wet wet	1.62	83%	40 - 125	10	39	6050237	NPE0061-08	05/04/06 17:49
Phenol	ND	1.20		mg/kg wet wet	1.62	74%	38 - 116	9	37	6050237	NPE0061-08	05/04/06 17:49
Pyrene	ND	1.32		mg/kg wet wet	1.62	81%	40 - 128	5	40	6050237	NPE0061-08	05/04/06 17:49
Pyridine	ND	0.913		mg/kg wet wet	1.62	56%	11 - 107	10	51	6050237	NPE0061-08	05/04/06 17:49
1,2,4-Trichlorobenzene	ND	1.01		mg/kg wet wet	1.62	62%	39 - 111	9	37	6050237	NPE0061-08	05/04/06 17:49
2,4,6-Trichlorophenol	ND	1.11		mg/kg wet wet	1.62	69%	37 - 113	0	36	6050237	NPE0061-08	05/04/06 17:49
2,4,5-Trichlorophenol	ND	1.29		mg/kg wet wet	1.62	80%	41 - 119	2	37	6050237	NPE0061-08	05/04/06 17:49
Surrogate: 2-Fluorophenol		0.944		mg/kg wet wet	1.63	58%	26 - 105			6050237	NPE0061-08	05/04/06 17:49
Surrogate: Phenol-d5		1.11		mg/kg wet wet	1.63	68%	33 - 109			6050237	NPE0061-08	05/04/06 17:49
Surrogate: Nitrobenzene-d5		1.08		mg/kg wet wet	1.63	66%	10 - 153			6050237	NPE0061-08	05/04/06 17:49
Surrogate: 2-Fluorobiphenyl		1.01		mg/kg wet wet	1.63	62%	35 - 106			6050237	NPE0061-08	05/04/06 17:49
Surrogate: 2,4,6-Tribromophenol		0.950		mg/kg wet wet	1.63	58%	21 - 125			6050237	NPE0061-08	05/04/06 17:49
Surrogate: Terphenyl-d14		1.05		mg/kg wet wet	1.63	64%	41 - 117			6050237	NPE0061-08	05/04/06 17:49

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	North Carolina
MADEP EPH	Soil	N/A	X	X
MADEP VPH	Soil	N/A	X	X
SW846 8260B	Soil	N/A	X	X
SW846 8270C	Soil	N/A	X	X
SW-846	Soil			

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0005
Project Name: Hart & Hickman (NC)
Project Number: BHC-127 / Willard Industries
Received: 04/29/06 08:00

DATA QUALIFIERS AND DEFINITIONS

- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- R** The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.

METHOD MODIFICATION NOTES

Nashville Division COOLER RECEIPT FORM

BC#



NPE0005

Cooler Received/Opened On: 4/29/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 8455

Fed-Ex

Temperature of representative sample or temperature blank when opened: 1-2 Degrees Celsius
(indicate IR Gun ID#)

101282

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH ns per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (lnk, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 36854

ANALYTICAL TESTING CORPORATION

Compliance Monitoring

2/19

2023 S.T. 51

Widely Injures

Charlotte June 28 2023

BHC-127

Spore bank

Handoff

704-386-5057 Fax:

Steve Hart

Mike Fagbun

11

[illegible]



May 12, 2006

Client: Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn: Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Nbr: BHE-127 / Willard Industries
P/O Nbr:
Date Received: 05/04/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPE0487-01	05/03/06 13:45
MW-2	NPE0487-02	05/03/06 13:30
MW-3	NPE0487-03	05/03/06 13:00
MW-4	NPE0487-04	05/03/06 12:45
MW-5	NPE0487-05	05/03/06 12:30
MW-6	NPE0487-06	05/03/06 14:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

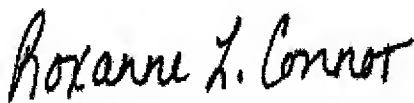
This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

North Carolina Certification Number: 387

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Roxanne Connor
Senior Project Manager

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-01 (MW-1 - Water) Sampled: 05/03/06 13:45								
Total Metals by EPA Method 6010B								
Antimony	ND		mg/L	0.0100	1	05/08/06 21:29	SW846 6010B	6050889
Arsenic	ND		mg/L	0.0100	1	05/08/06 21:29	SW846 6010B	6050889
Beryllium	ND		mg/L	0.00400	1	05/08/06 21:29	SW846 6010B	6050889
Cadmium	ND		mg/L	0.00100	1	05/08/06 21:29	SW846 6010B	6050889
Chromium	ND		mg/L	0.00500	1	05/08/06 21:29	SW846 6010B	6050889
Copper	ND		mg/L	0.0100	1	05/08/06 21:29	SW846 6010B	6050889
Lead	0.0774		mg/L	0.00500	1	05/08/06 21:29	SW846 6010B	6050889
Nickel	0.0332		mg/L	0.0100	1	05/08/06 21:29	SW846 6010B	6050889
Selenium	ND		mg/L	0.0100	1	05/08/06 21:29	SW846 6010B	6050889
Silver	ND		mg/L	0.00500	1	05/08/06 21:29	SW846 6010B	6050889
Thallium	ND		mg/L	0.0100	1	05/09/06 12:53	SW846 6010B	6050889
Zinc	0.111		mg/L	0.0500	1	05/08/06 21:29	SW846 6010B	6050889
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	05/05/06 16:19	SW846 7470A	6050976
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/09/06 07:09	SW846 8260B	6051564
Benzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Bromobenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Bromochloromethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Bromodichloromethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Bromoform	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Bromomethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
2-Butanone	ND		ug/L	50.0	1	05/09/06 07:09	SW846 8260B	6051564
sec-Butylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
n-Butylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
tert-Butylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Carbon disulfide	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Carbon Tetrachloride	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Chlorobenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Chlorodibromomethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Chloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Chloroform	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Chloromethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
2-Chlorotoluene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
4-Chlorotoluene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Dibromomethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-01 (MW-1 - Water) - cont. Sampled: 05/03/06 13:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2-Dichloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,1-Dichloroethene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,3-Dichloropropane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2-Dichloropropane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
2,2-Dichloropropane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,1-Dichloropropene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Ethylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Hexachlorobutadiene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
2-Hexanone	ND		ug/L	50.0	1	05/09/06 07:09	SW846 8260B	6051564
Isopropylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
p-Isopropyltoluene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Methyl tert-Butyl Ether	1.27		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Methylene Chloride	ND		ug/L	5.00	1	05/09/06 07:09	SW846 8260B	6051564
4-Methyl-2-pentanone	ND		ug/L	50.0	1	05/09/06 07:09	SW846 8260B	6051564
Naphthalene	ND		ug/L	5.00	1	05/09/06 07:09	SW846 8260B	6051564
n-Propylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Styrene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Tetrachloroethene	1.20		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Toluene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	05/09/06 07:09	SW846 8260B	6051564
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Trichloroethene	8.21		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Trichlorofluoromethane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Vinyl chloride	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Xylenes, total	ND		ug/L	3.00	1	05/09/06 07:09	SW846 8260B	6051564
Diisopropyl Ether	ND		ug/L	1.00	1	05/09/06 07:09	SW846 8260B	6051564
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					05/09/06 07:09	SW846 8260B	6051564
Surr: Dibromofluoromethane (79-122%)	100 %					05/09/06 07:09	SW846 8260B	6051564
Surr: Toluene-d8 (78-121%)	97 %					05/09/06 07:09	SW846 8260B	6051564
Surr: 4-Bromofluorobenzene (78-126%)	101 %					05/09/06 07:09	SW846 8260B	6051564

Semivolatile Organic Compounds by EPA Method 8270C

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-01 (MW-1 - Water) - cont. Sampled: 05/03/06 13:45								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Acenaphthene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Acenaphthylene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Anthracene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Benzo (a) anthracene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Benzo (a) pyrene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Benzo (b) fluoranthene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Benzo (g,h,i) perylene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Benzo (k) fluoranthene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
4-Bromophenyl phenyl ether	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Butyl benzyl phthalate	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Carbazole	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
4-Chloro-3-methylphenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
4-Chloroaniline	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Bis(2-chloroethoxy)methane	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Bis(2-chloroethyl)ether	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Bis(2-chloroisopropyl)ether	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2-Chloronaphthalene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2-Chlorophenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
4-Chlorophenyl phenyl ether	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Chrysene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Dibenz (a,h) anthracene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Dibenzofuran	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Di-n-butyl phthalate	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
1,4-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
1,2-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
1,3-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
3,3'-Dichlorobenzidine	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2,4-Dichlorophenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Diethyl phthalate	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2,4-Dimethylphenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Dimethyl phthalate	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
4,6-Dinitro-2-methylphenol	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
2,4-Dinitrophenol	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
2,6-Dinitrotoluene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2,4-Dinitrotoluene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Di-n-octyl phthalate	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Fluoranthene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Fluorene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Hexachlorobenzene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Hexachlorobutadiene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Hexachlorocyclopentadiene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Hexachloroethane	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-01 (MW-1 - Water) - cont. Sampled: 05/03/06 13:45								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Isophorone	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2-Methylnaphthalene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2-Methylphenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Naphthalene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
3/4-Methylphenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
3-Nitroaniline	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
2-Nitroaniline	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
4-Nitroaniline	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
Nitrobenzene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
4-Nitrophenol	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
2-Nitrophenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
N-Nitrosodiphenylamine	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
N-Nitrosodi-n-propylamine	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Pentachlorophenol	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
Phenanthrene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Phenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
Pyrene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
1,2,4-Trichlorobenzene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
1-Methylnaphthalene	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2,4,6-Trichlorophenol	ND		ug/L	10.2	1	05/07/06 22:58	SW846 8270C	6051264
2,4,5-Trichlorophenol	ND		ug/L	25.5	1	05/07/06 22:58	SW846 8270C	6051264
Surr: Terphenyl-d14 (31-111%)	59 %					05/07/06 22:58	SW846 8270C	6051264
Surr: 2,4,6-Tribromophenol (32-118%)	87 %					05/07/06 22:58	SW846 8270C	6051264
Surr: Phenol-d5 (10-48%)	22 %					05/07/06 22:58	SW846 8270C	6051264
Surr: 2-Fluorobiphenyl (33-101%)	77 %					05/07/06 22:58	SW846 8270C	6051264
Surr: 2-Fluorophenol (10-64%)	33 %					05/07/06 22:58	SW846 8270C	6051264
Surr: Nitrobenzene-d5 (31-112%)	71 %					05/07/06 22:58	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-02 (MW-2 - Water) Sampled: 05/03/06 13:30								
Total Metals by EPA Method 6010B								
Antimony	0.134		mg/L	0.0100	1	05/08/06 21:33	SW846 6010B	6050889
Arsenic	ND		mg/L	0.0100	1	05/08/06 21:33	SW846 6010B	6050889
Beryllium	ND		mg/L	0.00400	1	05/08/06 21:33	SW846 6010B	6050889
Cadmium	ND		mg/L	0.00100	1	05/08/06 21:33	SW846 6010B	6050889
Chromium	ND		mg/L	0.00500	1	05/08/06 21:33	SW846 6010B	6050889
Copper	ND		mg/L	0.0100	1	05/08/06 21:33	SW846 6010B	6050889
Lead	0.828		mg/L	0.00500	1	05/08/06 21:33	SW846 6010B	6050889
Nickel	ND		mg/L	0.0100	1	05/08/06 21:33	SW846 6010B	6050889
Selenium	ND		mg/L	0.0100	1	05/08/06 21:33	SW846 6010B	6050889
Silver	ND		mg/L	0.00500	1	05/08/06 21:33	SW846 6010B	6050889
Thallium	ND		mg/L	0.0100	1	05/09/06 12:58	SW846 6010B	6050889
Zinc	0.0551		mg/L	0.0500	1	05/08/06 21:33	SW846 6010B	6050889
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	05/09/06 14:34	SW846 7470A	6051476
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/09/06 07:38	SW846 8260B	6051564
Benzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Bromobenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Bromochloromethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Bromodichloromethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Bromoform	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Bromomethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
2-Butanone	ND		ug/L	50.0	1	05/09/06 07:38	SW846 8260B	6051564
sec-Butylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
n-Butylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
tert-Butylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Carbon disulfide	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Carbon Tetrachloride	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Chlorobenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Chlorodibromomethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Chloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Chloroform	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Chloromethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
2-Chlorotoluene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
4-Chlorotoluene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Dibromomethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-02 (MW-2 - Water) - cont. Sampled: 05/03/06 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2-Dichloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,1-Dichloroethene	2.22		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,3-Dichloropropane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2-Dichloropropane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
2,2-Dichloropropane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,1-Dichloropropene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Ethylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Hexachlorobutadiene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
2-Hexanone	ND		ug/L	50.0	1	05/09/06 07:38	SW846 8260B	6051564
Isopropylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
p-Isopropyltoluene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Methylene Chloride	ND		ug/L	5.00	1	05/09/06 07:38	SW846 8260B	6051564
4-Methyl-2-pentanone	ND		ug/L	50.0	1	05/09/06 07:38	SW846 8260B	6051564
Naphthalene	ND		ug/L	5.00	1	05/09/06 07:38	SW846 8260B	6051564
n-Propylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Styrene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Tetrachloroethene	2.56		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Toluene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	05/09/06 07:38	SW846 8260B	6051564
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Trichloroethene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Trichlorofluoromethane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Vinyl chloride	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Xylenes, total	ND		ug/L	3.00	1	05/09/06 07:38	SW846 8260B	6051564
Diisopropyl Ether	ND		ug/L	1.00	1	05/09/06 07:38	SW846 8260B	6051564
Surr: 1,2-Dichloroethane-d4 (70-130%)	96 %					05/09/06 07:38	SW846 8260B	6051564
Surr: Dibromofluoromethane (79-122%)	97 %					05/09/06 07:38	SW846 8260B	6051564
Surr: Toluene-d8 (78-121%)	97 %					05/09/06 07:38	SW846 8260B	6051564
Surr: 4-Bromofluorobenzene (78-126%)	97 %					05/09/06 07:38	SW846 8260B	6051564

Semivolatile Organic Compounds by EPA Method 8270C

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-02 (MW-2 - Water) - cont. Sampled: 05/03/06 13:30								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Acenaphthene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Acenaphthylene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Anthracene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Benzo (a) anthracene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Benzo (a) pyrene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Benzo (b) fluoranthene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Benzo (g,h,i) perylene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Benzo (k) fluoranthene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
4-Bromophenyl phenyl ether	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Butyl benzyl phthalate	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Carbazole	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
4-Chloro-3-methylphenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
4-Chloroaniline	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Bis(2-chloroethoxy)methane	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Bis(2-chloroethyl)ether	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Bis(2-chloroisopropyl)ether	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2-Chloronaphthalene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2-Chlorophenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
4-Chlorophenyl phenyl ether	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Chrysene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Dibenz (a,h) anthracene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Dibenzofuran	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Di-n-butyl phthalate	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
1,4-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
1,2-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
1,3-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
3,3'-Dichlorobenzidine	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2,4-Dichlorophenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Diethyl phthalate	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2,4-Dimethylphenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Dimethyl phthalate	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
4,6-Dinitro-2-methylphenol	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
2,4-Dinitrophenol	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
2,6-Dinitrotoluene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2,4-Dinitrotoluene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Di-n-octyl phthalate	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Fluoranthene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Fluorene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Hexachlorobenzene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Hexachlorobutadiene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Hexachlorocyclopentadiene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Hexachloroethane	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-02 (MW-2 - Water) - cont. Sampled: 05/03/06 13:30								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Isophorone	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2-Methylnaphthalene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2-Methylphenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Naphthalene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
3/4-Methylphenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
3-Nitroaniline	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
2-Nitroaniline	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
4-Nitroaniline	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
Nitrobenzene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
4-Nitrophenol	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
2-Nitrophenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
N-Nitrosodiphenylamine	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
N-Nitrosodi-n-propylamine	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Pentachlorophenol	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
Phenanthrene	12.6		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Phenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
Pyrene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
1,2,4-Trichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
1-Methylnaphthalene	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2,4,6-Trichlorophenol	ND		ug/L	10.2	1	05/07/06 23:20	SW846 8270C	6051264
2,4,5-Trichlorophenol	ND		ug/L	25.5	1	05/07/06 23:20	SW846 8270C	6051264
Surr: Terphenyl-d14 (31-111%)	50 %					05/07/06 23:20	SW846 8270C	6051264
Surr: 2,4,6-Tribromophenol (32-118%)	78 %					05/07/06 23:20	SW846 8270C	6051264
Surr: Phenol-d5 (10-48%)	22 %					05/07/06 23:20	SW846 8270C	6051264
Surr: 2-Fluorobiphenyl (33-101%)	75 %					05/07/06 23:20	SW846 8270C	6051264
Surr: 2-Fluorophenol (10-64%)	31 %					05/07/06 23:20	SW846 8270C	6051264
Surr: Nitrobenzene-d5 (31-112%)	68 %					05/07/06 23:20	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-03 (MW-3 - Water) Sampled: 05/03/06 13:00								
Total Metals by EPA Method 6010B								
Antimony	0.404		mg/L	0.0100	1	05/08/06 21:37	SW846 6010B	6050889
Arsenic	0.0103		mg/L	0.0100	1	05/08/06 21:37	SW846 6010B	6050889
Beryllium	ND		mg/L	0.00400	1	05/08/06 21:37	SW846 6010B	6050889
Cadmium	ND		mg/L	0.00100	1	05/08/06 21:37	SW846 6010B	6050889
Chromium	ND		mg/L	0.00500	1	05/08/06 21:37	SW846 6010B	6050889
Copper	ND		mg/L	0.0100	1	05/08/06 21:37	SW846 6010B	6050889
Lead	0.0536		mg/L	0.00500	1	05/08/06 21:37	SW846 6010B	6050889
Nickel	0.0176		mg/L	0.0100	1	05/08/06 21:37	SW846 6010B	6050889
Selenium	ND		mg/L	0.0100	1	05/08/06 21:37	SW846 6010B	6050889
Silver	ND		mg/L	0.00500	1	05/08/06 21:37	SW846 6010B	6050889
Thallium	ND		mg/L	0.0100	1	05/09/06 13:03	SW846 6010B	6050889
Zinc	ND		mg/L	0.0500	1	05/08/06 21:37	SW846 6010B	6050889
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	05/09/06 14:36	SW846 7470A	6051476
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/08/06 08:36	SW846 8260B	6051002
Benzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Bromobenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Bromochloromethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Bromodichloromethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Bromoform	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Bromomethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
2-Butanone	ND		ug/L	50.0	1	05/08/06 08:36	SW846 8260B	6051002
sec-Butylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
n-Butylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
tert-Butylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Carbon disulfide	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Carbon Tetrachloride	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Chlorobenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Chlorodibromomethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Chloroethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Chloroform	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Chloromethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
2-Chlorotoluene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
4-Chlorotoluene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Dibromomethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-03 (MW-3 - Water) - cont. Sampled: 05/03/06 13:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	3.60		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2-Dichloroethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
cis-1,2-Dichloroethene	195		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,1-Dichloroethene	20.7		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,3-Dichloropropane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2-Dichloropropane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
2,2-Dichloropropane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,1-Dichloropropene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Ethylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Hexachlorobutadiene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
2-Hexanone	ND		ug/L	50.0	1	05/08/06 08:36	SW846 8260B	6051002
Isopropylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
p-Isopropyltoluene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Methylene Chloride	ND		ug/L	5.00	1	05/08/06 08:36	SW846 8260B	6051002
4-Methyl-2-pentanone	ND		ug/L	50.0	1	05/08/06 08:36	SW846 8260B	6051002
Naphthalene	ND		ug/L	5.00	1	05/08/06 08:36	SW846 8260B	6051002
n-Propylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Styrene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Tetrachloroethene	155		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Toluene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	05/08/06 08:36	SW846 8260B	6051002
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Trichloroethene	267		ug/L	5.00	5	05/09/06 10:33	SW846 8260B	6051564
Trichlorofluoromethane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Vinyl chloride	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Xylenes, total	ND		ug/L	3.00	1	05/08/06 08:36	SW846 8260B	6051002
Diisopropyl Ether	ND		ug/L	1.00	1	05/08/06 08:36	SW846 8260B	6051002
Surr: 1,2-Dichloroethane-d4 (70-130%)	97 %					05/08/06 08:36	SW846 8260B	6051002
Surr: 1,2-Dichloroethane-d4 (70-130%)	99 %					05/09/06 10:33	SW846 8260B	6051564
Surr: Dibromofluoromethane (79-122%)	98 %					05/08/06 08:36	SW846 8260B	6051002
Surr: Dibromofluoromethane (79-122%)	101 %					05/09/06 10:33	SW846 8260B	6051564
Surr: Toluene-d8 (78-121%)	96 %					05/08/06 08:36	SW846 8260B	6051002
Surr: Toluene-d8 (78-121%)	97 %					05/09/06 10:33	SW846 8260B	6051564

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-03 (MW-3 - Water) - cont. Sampled: 05/03/06 13:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	100 %					05/08/06 08:36	SW846 8260B	6051002
Surr: 4-Bromofluorobenzene (78-126%)	100 %					05/09/06 10:33	SW846 8260B	6051564
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Acenaphthylene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Anthracene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Benzo (a) anthracene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Benzo (a) pyrene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Benzo (b) fluoranthene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Benzo (g,h,i) perylene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Benzo (k) fluoranthene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
4-Bromophenyl phenyl ether	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Butyl benzyl phthalate	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Carbazole	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
4-Chloro-3-methylphenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
4-Chloroaniline	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Bis(2-chloroethoxy)methane	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Bis(2-chloroethyl)ether	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Bis(2-chloroisopropyl)ether	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2-Chloronaphthalene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2-Chlorophenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
4-Chlorophenyl phenyl ether	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Chrysene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Dibenz (a,h) anthracene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Dibenzofuran	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Di-n-butyl phthalate	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
1,4-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
1,2-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
1,3-Dichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
3,3'-Dichlorobenzidine	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2,4-Dichlorophenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Diethyl phthalate	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2,4-Dimethylphenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Dimethyl phthalate	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
4,6-Dinitro-2-methylphenol	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
2,4-Dinitrophenol	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
2,6-Dinitrotoluene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2,4-Dinitrotoluene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Di-n-octyl phthalate	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Fluoranthene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Fluorene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Hexachlorobenzene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-03 (MW-3 - Water) - cont. Sampled: 05/03/06 13:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Hexachlorobutadiene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Hexachlorocyclopentadiene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Hexachloroethane	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Isophorone	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2-Methylnaphthalene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2-Methylphenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Naphthalene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
3/4-Methylphenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
3-Nitroaniline	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
2-Nitroaniline	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
4-Nitroaniline	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
Nitrobenzene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
4-Nitrophenol	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
2-Nitrophenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
N-Nitrosodiphenylamine	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
N-Nitrosodi-n-propylamine	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Pentachlorophenol	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
Phenanthrene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Phenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
Pyrene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
1,2,4-Trichlorobenzene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
1-Methylnaphthalene	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2,4,6-Trichlorophenol	ND		ug/L	10.2	1	05/07/06 23:41	SW846 8270C	6051264
2,4,5-Trichlorophenol	ND		ug/L	25.5	1	05/07/06 23:41	SW846 8270C	6051264
Surr: Terphenyl-d14 (31-111%)	56 %					05/07/06 23:41	SW846 8270C	6051264
Surr: 2,4,6-Tribromophenol (32-118%)	81 %					05/07/06 23:41	SW846 8270C	6051264
Surr: Phenol-d5 (10-48%)	28 %					05/07/06 23:41	SW846 8270C	6051264
Surr: 2-Fluorobiphenyl (33-101%)	71 %					05/07/06 23:41	SW846 8270C	6051264
Surr: 2-Fluorophenol (10-64%)	32 %					05/07/06 23:41	SW846 8270C	6051264
Surr: Nitrobenzene-d5 (31-112%)	67 %					05/07/06 23:41	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-04 (MW-4 - Water) Sampled: 05/03/06 12:45								
Total Metals by EPA Method 6010B								
Antimony	0.0267		mg/L	0.0100	1	05/08/06 21:41	SW846 6010B	6050889
Arsenic	ND		mg/L	0.0100	1	05/08/06 21:41	SW846 6010B	6050889
Beryllium	ND		mg/L	0.00400	1	05/08/06 21:41	SW846 6010B	6050889
Cadmium	ND		mg/L	0.00100	1	05/08/06 21:41	SW846 6010B	6050889
Chromium	ND		mg/L	0.00500	1	05/08/06 21:41	SW846 6010B	6050889
Copper	ND		mg/L	0.0100	1	05/08/06 21:41	SW846 6010B	6050889
Lead	0.124		mg/L	0.00500	1	05/08/06 21:41	SW846 6010B	6050889
Nickel	0.0130		mg/L	0.0100	1	05/08/06 21:41	SW846 6010B	6050889
Selenium	ND		mg/L	0.0100	1	05/08/06 21:41	SW846 6010B	6050889
Silver	ND		mg/L	0.00500	1	05/08/06 21:41	SW846 6010B	6050889
Thallium	ND		mg/L	0.0100	1	05/09/06 13:07	SW846 6010B	6050889
Zinc	0.0594		mg/L	0.0500	1	05/08/06 21:41	SW846 6010B	6050889
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	05/09/06 14:38	SW846 7470A	6051476
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/09/06 22:53	SW846 8260B	6051810
Benzene	4.53		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Bromobenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Bromochloromethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Bromodichloromethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Bromoforn	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Bromomethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
2-Butanone	ND		ug/L	50.0	1	05/09/06 22:53	SW846 8260B	6051810
sec-Butylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
n-Butylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
tert-Butylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Carbon disulfide	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Carbon Tetrachloride	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Chlorobenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Chlorodibromomethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Chloroethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Chloroform	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Chloromethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
2-Chlorotoluene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
4-Chlorotoluene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Dibromomethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-04 (MW-4 - Water) - cont. Sampled: 05/03/06 12:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	3.87		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2-Dichloroethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
cis-1,2-Dichloroethene	5.60		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,1-Dichloroethene	20.9		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,3-Dichloropropane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2-Dichloropropane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
2,2-Dichloropropane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,1-Dichloropropene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Ethylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Hexachlorobutadiene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
2-Hexanone	ND		ug/L	50.0	1	05/09/06 22:53	SW846 8260B	6051810
Isopropylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
p-Isopropyltoluene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Methyl tert-Butyl Ether	4.63		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Methylene Chloride	ND		ug/L	5.00	1	05/09/06 22:53	SW846 8260B	6051810
4-Methyl-2-pentanone	ND		ug/L	50.0	1	05/09/06 22:53	SW846 8260B	6051810
Naphthalene	19.8		ug/L	5.00	1	05/09/06 22:53	SW846 8260B	6051810
n-Propylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Styrene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Tetrachloroethene	72.2		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Toluene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	05/09/06 22:53	SW846 8260B	6051810
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Trichloroethene	370		ug/L	10.0	10	05/11/06 03:32	SW846 8260B	6051523
Trichlorofluoromethane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
1,2,4-Trimethylbenzene	1.09		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Vinyl chloride	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Xylenes, total	ND		ug/L	3.00	1	05/09/06 22:53	SW846 8260B	6051810
Diisopropyl Ether	ND		ug/L	1.00	1	05/09/06 22:53	SW846 8260B	6051810
Surr: 1,2-Dichloroethane-d4 (70-130%)	99 %					05/09/06 22:53	SW846 8260B	6051810
Surr: 1,2-Dichloroethane-d4 (70-130%)	103 %					05/11/06 03:32	SW846 8260B	6051523
Surr: Dibromofluoromethane (79-122%)	99 %					05/09/06 22:53	SW846 8260B	6051810
Surr: Dibromofluoromethane (79-122%)	101 %					05/11/06 03:32	SW846 8260B	6051523
Surr: Toluene-d8 (78-121%)	96 %					05/09/06 22:53	SW846 8260B	6051810
Surr: Toluene-d8 (78-121%)	95 %					05/11/06 03:32	SW846 8260B	6051523

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-04 (MW-4 - Water) - cont. Sampled: 05/03/06 12:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (78-126%)	101 %					05/09/06 22:53	SW846 8260B	6051810
Surr: 4-Bromofluorobenzene (78-126%)	99 %					05/11/06 03:32	SW846 8260B	6051523
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Acenaphthylene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Anthracene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Benzo (a) anthracene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Benzo (a) pyrene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Benzo (b) fluoranthene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Benzo (g,h,i) perylene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Benzo (k) fluoranthene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
4-Bromophenyl phenyl ether	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Butyl benzyl phthalate	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Carbazole	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
4-Chloro-3-methylphenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
4-Chloroaniline	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Bis(2-chloroethoxy)methane	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Bis(2-chloroethyl)ether	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Bis(2-chloroisopropyl)ether	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2-Chloronaphthalene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2-Chlorophenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
4-Chlorophenyl phenyl ether	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Chrysene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Dibenz (a,h) anthracene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Dibenzofuran	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Di-n-butyl phthalate	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
1,4-Dichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
1,2-Dichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
1,3-Dichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
3,3'-Dichlorobenzidine	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2,4-Dichlorophenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Diethyl phthalate	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2,4-Dimethylphenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Dimethyl phthalate	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
4,6-Dinitro-2-methylphenol	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
2,4-Dinitrophenol	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
2,6-Dinitrotoluene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2,4-Dinitrotoluene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Di-n-octyl phthalate	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Fluoranthene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Fluorene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Hexachlorobenzene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-04 (MW-4 - Water) - cont. Sampled: 05/03/06 12:45								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Hexachlorobutadiene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Hexachlorocyclopentadiene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Hexachloroethane	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Isophorone	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2-Methylnaphthalene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2-Methylphenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Naphthalene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
3/4-Methylphenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
3-Nitroaniline	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
2-Nitroaniline	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
4-Nitroaniline	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
Nitrobenzene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
4-Nitrophenol	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
2-Nitrophenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
N-Nitrosodiphenylamine	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
N-Nitrosodi-n-propylamine	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Pentachlorophenol	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
Phenanthrene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Phenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
Pyrene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
1,2,4-Trichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
1-Methylnaphthalene	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2,4,6-Trichlorophenol	ND		ug/L	10.2	1	05/08/06 00:03	SW846 8270C	6051264
2,4,5-Trichlorophenol	ND		ug/L	25.5	1	05/08/06 00:03	SW846 8270C	6051264
Surr: Terphenyl-d14 (31-111%)	42 %					05/08/06 00:03	SW846 8270C	6051264
Surr: 2,4,6-Tribromophenol (32-118%)	78 %					05/08/06 00:03	SW846 8270C	6051264
Surr: Phenol-d5 (10-48%)	21 %					05/08/06 00:03	SW846 8270C	6051264
Surr: 2-Fluorobiphenyl (33-101%)	76 %					05/08/06 00:03	SW846 8270C	6051264
Surr: 2-Fluorophenol (10-64%)	32 %					05/08/06 00:03	SW846 8270C	6051264
Surr: Nitrobenzene-d5 (31-112%)	72 %					05/08/06 00:03	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-05 (MW-5 - Water) Sampled: 05/03/06 12:30								
Total Metals by EPA Method 6010B								
Antimony	0.0977		mg/L	0.0100	1	05/08/06 21:45	SW846 6010B	6050889
Arsenic	0.161		mg/L	0.0100	1	05/08/06 21:45	SW846 6010B	6050889
Beryllium	ND		mg/L	0.00400	1	05/08/06 21:45	SW846 6010B	6050889
Cadmium	ND		mg/L	0.00100	1	05/08/06 21:45	SW846 6010B	6050889
Chromium	0.00560		mg/L	0.00500	1	05/08/06 21:45	SW846 6010B	6050889
Copper	0.0241		mg/L	0.0100	1	05/08/06 21:45	SW846 6010B	6050889
Lead	1.56		mg/L	0.00500	1	05/08/06 21:45	SW846 6010B	6050889
Nickel	0.0180		mg/L	0.0100	1	05/08/06 21:45	SW846 6010B	6050889
Selenium	ND		mg/L	0.0100	1	05/08/06 21:45	SW846 6010B	6050889
Silver	ND		mg/L	0.00500	1	05/08/06 21:45	SW846 6010B	6050889
Thallium	ND		mg/L	0.0100	1	05/09/06 13:28	SW846 6010B	6050889
Zinc	0.130		mg/L	0.0500	1	05/08/06 21:45	SW846 6010B	6050889
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	05/09/06 14:40	SW846 7470A	6051476
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	05/11/06 03:03	SW846 8260B	6051523
Benzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Bromobenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Bromochloromethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Bromodichloromethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Bromoform	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Bromomethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
2-Butanone	ND		ug/L	50.0	1	05/11/06 03:03	SW846 8260B	6051523
sec-Butylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
n-Butylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
tert-Butylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Carbon disulfide	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Carbon Tetrachloride	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Chlorobenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Chlorodibromomethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Chloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Chloroform	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Chloromethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
2-Chlorotoluene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
4-Chlorotoluene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Dibromomethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,4-Dichlorobenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,3-Dichlorobenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2-Dichlorobenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Dichlorodifluoromethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-05 (MW-5 - Water) - cont. Sampled: 05/03/06 12:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1-Dichloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2-Dichloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,1-Dichloroethene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,3-Dichloropropane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2-Dichloropropane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
2,2-Dichloropropane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,1-Dichloropropene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Ethylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Hexachlorobutadiene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
2-Hexanone	ND		ug/L	50.0	1	05/11/06 03:03	SW846 8260B	6051523
Isopropylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
p-Isopropyltoluene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Methylene Chloride	ND		ug/L	5.00	1	05/11/06 03:03	SW846 8260B	6051523
4-Methyl-2-pentanone	ND		ug/L	50.0	1	05/11/06 03:03	SW846 8260B	6051523
Naphthalene	ND		ug/L	5.00	1	05/11/06 03:03	SW846 8260B	6051523
n-Propylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Styrene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Tetrachloroethene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Toluene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2,3-Trichlorobenzene	ND		ug/L	2.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2,4-Trichlorobenzene	ND		ug/L	2.00	1	05/11/06 03:03	SW846 8260B	6051523
1,1,2-Trichloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,1,1-Trichloroethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Trichloroethene	1.12		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Trichlorofluoromethane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2,3-Trichloropropane	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Vinyl chloride	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Xylenes, total	ND		ug/L	3.00	1	05/11/06 03:03	SW846 8260B	6051523
Diisopropyl Ether	ND		ug/L	1.00	1	05/11/06 03:03	SW846 8260B	6051523
Surr: 1,2-Dichloroethane-d4 (70-130%)	102 %					05/11/06 03:03	SW846 8260B	6051523
Surr: Dibromofluoromethane (79-122%)	100 %					05/11/06 03:03	SW846 8260B	6051523
Surr: Toluene-d8 (78-121%)	96 %					05/11/06 03:03	SW846 8260B	6051523
Surr: 4-Bromofluorobenzene (78-126%)	101 %					05/11/06 03:03	SW846 8260B	6051523

Semivolatile Organic Compounds by EPA Method 8270C

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-05 (MW-5 - Water) - cont. Sampled: 05/03/06 12:30								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Acenaphthene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Acenaphthylene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Anthracene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Benzo (a) anthracene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Benzo (a) pyrene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Benzo (b) fluoranthene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Benzo (g,h,i) perylene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Benzo (k) fluoranthene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
4-Bromophenyl phenyl ether	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Butyl benzyl phthalate	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Carbazole	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
4-Chloro-3-methylphenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
4-Chloroaniline	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Bis(2-chloroethoxy)methane	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Bis(2-chloroethyl)ether	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Bis(2-chloroisopropyl)ether	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2-Chloronaphthalene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2-Chlorophenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
4-Chlorophenyl phenyl ether	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Chrysene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Dibenz (a,h) anthracene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Dibenzofuran	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Di-n-butyl phthalate	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
1,4-Dichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
1,2-Dichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
1,3-Dichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
3,3'-Dichlorobenzidine	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2,4-Dichlorophenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Diethyl phthalate	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2,4-Dimethylphenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Dimethyl phthalate	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
4,6-Dinitro-2-methylphenol	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
2,4-Dinitrophenol	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
2,6-Dinitrotoluene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2,4-Dinitrotoluene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Di-n-octyl phthalate	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Fluoranthene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Fluorene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Hexachlorobenzene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Hexachlorobutadiene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Hexachlorocyclopentadiene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Hexachloroethane	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-05 (MW-5 - Water) - cont. Sampled: 05/03/06 12:30								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Isophorone	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2-Methylnaphthalene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2-Methylphenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Naphthalene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
3/4-Methylphenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
3-Nitroaniline	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
2-Nitroaniline	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
4-Nitroaniline	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
Nitrobenzene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
4-Nitrophenol	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
2-Nitrophenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
N-Nitrosodiphenylamine	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
N-Nitrosodi-n-propylamine	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Pentachlorophenol	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
Phenanthrene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Phenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
Pyrene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
1,2,4-Trichlorobenzene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
1-Methylnaphthalene	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2,4,6-Trichlorophenol	ND		ug/L	10.2	1	05/08/06 00:24	SW846 8270C	6051264
2,4,5-Trichlorophenol	ND		ug/L	25.5	1	05/08/06 00:24	SW846 8270C	6051264
Surr: Terphenyl-d14 (31-111%)	53 %					05/08/06 00:24	SW846 8270C	6051264
Surr: 2,4,6-Tribromophenol (32-118%)	86 %					05/08/06 00:24	SW846 8270C	6051264
Surr: Phenol-d5 (10-48%)	21 %					05/08/06 00:24	SW846 8270C	6051264
Surr: 2-Fluorobiphenyl (33-101%)	72 %					05/08/06 00:24	SW846 8270C	6051264
Surr: 2-Fluorophenol (10-64%)	31 %					05/08/06 00:24	SW846 8270C	6051264
Surr: Nitrobenzene-d5 (31-112%)	69 %					05/08/06 00:24	SW846 8270C	6051264

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-06 (MW-6 - Water) Sampled: 05/03/06 14:00								
Metals								
Lead	1.05		mg/L	0.00500	1	05/05/06 21:49	6010B/3030c	6050895
MADEP VPH								
Methyl tert-Butyl Ether	17.5		ug/L	3.00	1	05/08/06 05:55	MADEP VPH	6051229
Benzene	7.33		ug/L	1.00	1	05/08/06 05:55	MADEP VPH	6051229
Toluene	51.4		ug/L	3.00	1	05/08/06 05:55	MADEP VPH	6051229
Ethylbenzene	226		ug/L	1.00	1	05/08/06 05:55	MADEP VPH	6051229
m,p-Xylene	366		ug/L	4.00	1	05/08/06 05:55	MADEP VPH	6051229
o-Xylene	26.5		ug/L	2.00	1	05/08/06 05:55	MADEP VPH	6051229
Naphthalene	208		ug/L	5.00	1	05/08/06 05:55	MADEP VPH	6051229
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	3250		ug/L	500	5	05/08/06 00:28	MADEP VPH	6051976
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	2760		ug/L	500	5	05/08/06 00:28	MADEP VPH	6051976
C5 - C8 Aliphatic Hydrocarbons	3170		ug/L	500	5	05/08/06 00:28	MADEP VPH	6051976
C9 - C12 Aliphatic Hydrocarbons	940		ug/L	500	5	05/08/06 00:28	MADEP VPH	6051976
C9 - C10 Aromatic Hydrocarbons	1200		ug/L	500	5	05/08/06 00:28	MADEP VPH	6051976
Surr: 2,5-Dibromotoluene (FID) (70-130%)	78 %					05/08/06 05:55	MADEP VPH	6051229
Surr: 2,5-Dibromotoluene (FID) (70-130%)	81 %					05/08/06 00:28	MADEP VPH	6051976
Surr: 2,5-Dibromotoluene (PID) (70-130%)	78 %					05/08/06 05:55	MADEP VPH	6051229
Surr: 2,5-Dibromotoluene (PID) (70-130%)	80 %					05/08/06 00:28	MADEP VPH	6051976
MADEP EPH								
C9 - C18 Aliphatic Hydrocarbons	ND		ug/L	104	1	05/10/06 05:10	MADEP EPH	6050949
C19 - C36 Aliphatic Hydrocarbons	ND		ug/L	104	1	05/10/06 05:10	MADEP EPH	6050949
C11 - C22 Aromatic Hydrocarbons	ND		ug/L	104	1	05/10/06 05:10	MADEP EPH	6050949
C11 - C22 Aromatic Hydrocarbons, Unadjusted	260		ug/L	104	1	05/10/06 05:36	MADEP EPH	6050949
2-Methylnaphthalene	21.1		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Acenaphthene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Acenaphthylene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Anthracene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Benzo (a) anthracene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Benzo (a) pyrene	ND		ug/L	10.4	1	05/10/06 05:10	MADEP EPH	6050949
Benzo (b) fluoranthene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Benzo (g,h,i) perylene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Benzo (k) fluoranthene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Chrysene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Dibenz (a,h) anthracene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Fluoranthene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Fluorene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Naphthalene	171		ug/L	41.7	4	05/10/06 05:36	MADEP EPH	6050949
Phenanthrene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Pyrene	ND		ug/L	10.4	1	05/10/06 05:36	MADEP EPH	6050949
Surr: 1-Chlorooctadecane (40-140%)	40 %					05/10/06 05:10	MADEP EPH	6050949
Surr: o-Terphenyl (40-140%)	45 %					05/10/06 05:36	MADEP EPH	6050949
Surr: 2-Bromonaphthalene (40-140%)	83 %					05/10/06 05:36	MADEP EPH	6050949

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-06 (MW-6 - Water) - cont. Sampled: 05/03/06 14:00								
MADEP EPH - cont.								
Surr: 2-Fluorobiphenyl (40-140%)	81 %					05/10/06 05:36	MADEP EPH	6050949
Acid and Base/Neutral Extractables by EPA Method 625								
Acenaphthene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Acenaphthylene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Anthracene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Benzo (a) anthracene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Benzo (a) pyrene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Benzo (b) fluoranthene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Benzo (g,h,i) perylene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Benzo (k) fluoranthene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
4-Bromophenyl phenyl ether	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Butyl benzyl phthalate	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
4-Chloro-3-methylphenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Bis(2-chloroethoxy)methane	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Bis(2-chloroethyl)ether	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Bis(2-chloroisopropyl)ether	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2-Chloronaphthalene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2-Chlorophenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
4-Chlorophenyl phenyl ether	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Chrysene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Dibenz (a,h) anthracene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Di-n-butyl phthalate	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
1,3-Dichlorobenzene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
1,4-Dichlorobenzene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
1,2-Dichlorobenzene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
3,3'-Dichlorobenzidine	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2,4-Dichlorophenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Diethyl phthalate	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2,4-Dimethylphenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Dimethyl phthalate	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
4,6-Dinitro-2-methylphenol	ND		ug/L	26.0	1	05/08/06 10:25	EPA 625	6050951
2,4-Dinitrophenol	ND		ug/L	26.0	1	05/08/06 10:25	EPA 625	6050951
2,6-Dinitrotoluene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2,4-Dinitrotoluene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Di-n-octyl phthalate	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Bis(2-ethylhexyl)phthalate	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Fluoranthene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Fluorene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Hexachlorobenzene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Hexachlorobutadiene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Hexachlorocyclopentadiene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Hexachloroethane	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-06 (MW-6 - Water) - cont. Sampled: 05/03/06 14:00								
Acid and Base/Neutral Extractables by EPA Method 625 - cont.								
Isophorone	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Naphthalene	208		ug/L	52.1	5	05/09/06 21:52	EPA 625	6050951
Nitrobenzene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2-Nitrophenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
4-Nitrophenol	ND		ug/L	26.0	1	05/08/06 10:25	EPA 625	6050951
N-Nitrosodimethylamine	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
N-Nitrosodiphenylamine	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
N-Nitrosodi-n-propylamine	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Pentachlorophenol	ND		ug/L	26.0	1	05/08/06 10:25	EPA 625	6050951
Phenanthrene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Phenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Pyrene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
1,2,4-Trichlorobenzene	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
2,4,6-Trichlorophenol	ND		ug/L	10.4	1	05/08/06 10:25	EPA 625	6050951
Surr: Terphenyl-d14 (34-116%)	61 %					05/08/06 10:25	EPA 625	6050951
Surr: 2,4,6-Tribromophenol (16-130%)	110 %					05/08/06 10:25	EPA 625	6050951
Surr: Phenol-d5 (10-66%)	28 %					05/08/06 10:25	EPA 625	6050951
Surr: 2-Fluorobiphenyl (32-99%)	93 %					05/08/06 10:25	EPA 625	6050951
Surr: 2-Fluorophenol (10-81%)	40 %					05/08/06 10:25	EPA 625	6050951
Surr: Nitrobenzene-d5 (19-116%)	92 %					05/08/06 10:25	EPA 625	6050951
Volatile Organic Compounds by SM 6210D								
Benzene	2.20		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Bromobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Bromochloromethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Bromodichloromethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Bromoform	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Bromomethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
n-Butylbenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
tert-Butylbenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
sec-Butylbenzene	3.36		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Carbon disulfide	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Carbon Tetrachloride	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Chlorobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Chlorodibromomethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Chloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Chloroform	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Chloromethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
4-Chlorotoluene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
2-Chlorotoluene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2-Dibromo-3-chloropropane	ND		ug/L	2.00	1	05/10/06 17:54	SM 6210D	6051403
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Dibromomethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,4-Dichlorobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2-Dichlorobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-06 (MW-6 - Water) - cont. Sampled: 05/03/06 14:00								
Volatile Organic Compounds by SM 6210D - cont.								
1,3-Dichlorobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Dichlorodifluoromethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1-Dichloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2-Dichloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
trans-1,2-Dichloroethene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1-Dichloroethene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
cis-1,2-Dichloroethene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2-Dichloropropane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,3-Dichloropropane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
2,2-Dichloropropane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
trans-1,3-Dichloropropene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
cis-1,3-Dichloropropene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1-Dichloropropene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Ethylbenzene	311		ug/L	5.00	10	05/10/06 18:18	SM 6210D	6051403
Hexachlorobutadiene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Isopropylbenzene	24.3		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
p-Isopropyltoluene	2.28		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Methylene Chloride	ND		ug/L	10.0	1	05/10/06 17:54	SM 6210D	6051403
Naphthalene	440		ug/L	5.00	10	05/10/06 18:18	SM 6210D	6051403
n-Propylbenzene	40.8		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Styrene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Tetrachloroethene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Toluene	58.4		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2,3-Trichlorobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2,4-Trichlorobenzene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1,2-Trichloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,1,1-Trichloroethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Trichloroethene	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Trichlorofluoromethane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2,3-Trichloropropane	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,3,5-Trimethylbenzene	62.4		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
1,2,4-Trimethylbenzene	296		ug/L	5.00	10	05/10/06 18:18	SM 6210D	6051403
Vinyl chloride	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Xylenes, total	448		ug/L	1.00	1	05/10/06 17:54	SM 6210D	6051403
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Diisopropyl Ether	ND		ug/L	0.500	1	05/10/06 17:54	SM 6210D	6051403
Surr: 1,2-Dichloroethane-d4 (72-130%)	88 %					05/10/06 17:54	SM 6210D	6051403
Surr: Dibromofluoromethane (82-120%)	95 %					05/10/06 17:54	SM 6210D	6051403
Surr: Toluene-d8 (81-117%)	88 %					05/10/06 17:54	SM 6210D	6051403
Surr: 4-Bromofluorobenzene (81-122%)	88 %					05/10/06 17:54	SM 6210D	6051403

Tentatively Identified Compounds by EPA Method 625

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE0487-06 (MW-6 - Water) - cont. Sampled: 05/03/06 14:00								
Tentatively Identified Compounds by EPA Method 625 - cont.								
1H-Indol-5-ol	26.8		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
3-Dibenzofuranamine	47.0		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
Benzene, 1,2,3-trimethyl-	165		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
Benzene, 1,3,5-trimethyl-	36.6		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
Benzene, 1-ethyl-2-methyl-	80.9		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
Ethylbenzene	112		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
Indane	82.2		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
Lauric anhydride	54.0		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951
p-Xylene	206		ug/L	NA	1	05/08/06 10:25	EPA 625	6050951

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

Page 27 of 71

Attn: Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

SAMPLE EXTRACTION DATA

[illegible]

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Metals						
6050895-BLK1						
Lead	<0.00300		mg/L	6050895	6050895-BLK1	05/05/06 21:39
MADEP VPH						
6051229-BLK1						
Methyl tert-Butyl Ether	<0.310		ug/L	6051229	6051229-BLK1	05/07/06 20:52
Benzene	<0.420		ug/L	6051229	6051229-BLK1	05/07/06 20:52
Toluene	<0.360		ug/L	6051229	6051229-BLK1	05/07/06 20:52
Ethylbenzene	<0.360		ug/L	6051229	6051229-BLK1	05/07/06 20:52
m,p-Xylene	<0.360		ug/L	6051229	6051229-BLK1	05/07/06 20:52
o-Xylene	<0.230		ug/L	6051229	6051229-BLK1	05/07/06 20:52
Naphthalene	1.60		ug/L	6051229	6051229-BLK1	05/07/06 20:52
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	<50.0		ug/L	6051229	6051229-BLK1	05/07/06 20:52
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	<50.0		ug/L	6051229	6051229-BLK1	05/07/06 20:52
C5 - C8 Aliphatic Hydrocarbons	<50.0		ug/L	6051229	6051229-BLK1	05/07/06 20:52
C9 - C12 Aliphatic Hydrocarbons	<50.0		ug/L	6051229	6051229-BLK1	05/07/06 20:52
C9 - C10 Aromatic Hydrocarbons	<50.0		ug/L	6051229	6051229-BLK1	05/07/06 20:52
Surrogate: 2,5-Dibromotoluene (FID)	81%			6051229	6051229-BLK1	05/07/06 20:52
Surrogate: 2,5-Dibromotoluene (PID)	83%			6051229	6051229-BLK1	05/07/06 20:52
6051976-BLK1						
Methyl tert-Butyl Ether	<0.310		ug/L	6051976	6051976-BLK1	05/07/06 20:52
Benzene	<0.420		ug/L	6051976	6051976-BLK1	05/07/06 20:52
Toluene	<0.360		ug/L	6051976	6051976-BLK1	05/07/06 20:52
Ethylbenzene	<0.360		ug/L	6051976	6051976-BLK1	05/07/06 20:52
m,p-Xylene	<0.360		ug/L	6051976	6051976-BLK1	05/07/06 20:52
o-Xylene	<0.230		ug/L	6051976	6051976-BLK1	05/07/06 20:52
Naphthalene	1.60		ug/L	6051976	6051976-BLK1	05/07/06 20:52
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	<50.0		ug/L	6051976	6051976-BLK1	05/07/06 20:52
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	<50.0		ug/L	6051976	6051976-BLK1	05/07/06 20:52
C5 - C8 Aliphatic Hydrocarbons	<50.0		ug/L	6051976	6051976-BLK1	05/07/06 20:52
C9 - C12 Aliphatic Hydrocarbons	<50.0		ug/L	6051976	6051976-BLK1	05/07/06 20:52
C9 - C10 Aromatic Hydrocarbons	<50.0		ug/L	6051976	6051976-BLK1	05/07/06 20:52
Surrogate: 2,5-Dibromotoluene (FID)	81%			6051976	6051976-BLK1	05/07/06 20:52
Surrogate: 2,5-Dibromotoluene (PID)	83%			6051976	6051976-BLK1	05/07/06 20:52
MADEP EPH						
6050949-BLK1						
C9 - C18 Aliphatic Hydrocarbons	<30.0		ug/L	6050949	6050949-BLK1	05/10/06 02:29
C19 - C36 Aliphatic Hydrocarbons	16.7		ug/L	6050949	6050949-BLK1	05/10/06 02:29
C11 - C22 Aromatic Hydrocarbons	<29.0		ug/L	6050949	6050949-BLK1	05/10/06 02:29
C11 - C22 Aromatic Hydrocarbons, Unadjusted	<29.0		ug/L	6050949	6050949-BLK1	05/10/06 02:56
2-Methylnaphthalene	<1.50		ug/L	6050949	6050949-BLK1	05/10/06 02:56

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
MADEP EPH						
6050949-BLK1						
Acenaphthene	<1.60		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Acenaphthylene	<1.50		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Anthracene	<0.900		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Benzo (a) anthracene	<1.10		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Benzo (a) pyrene	<0.900		ug/L	6050949	6050949-BLK1	05/10/06 02:29
Benzo (b) fluoranthene	<1.70		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Benzo (g,h,i) perylene	<0.800		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Benzo (k) fluoranthene	<1.50		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Chrysene	<1.00		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Dibenz (a,h) anthracene	<1.00		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Fluoranthene	<1.20		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Fluorene	<2.70		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Naphthalene	<1.50		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Phenanthrene	<1.20		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Pyrene	<1.10		ug/L	6050949	6050949-BLK1	05/10/06 02:56
Surrogate: 1-Chlorooctadecane	64%			6050949	6050949-BLK1	05/10/06 02:29
Surrogate: o-Terphenyl	85%			6050949	6050949-BLK1	05/10/06 02:56
Surrogate: 2-Bromonaphthalene	118%			6050949	6050949-BLK1	05/10/06 02:56
Surrogate: 2-Fluorobiphenyl	118%			6050949	6050949-BLK1	05/10/06 02:56

Total Metals by EPA Method 6010B

6050889-BLK1

Antimony	<0.00530		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Arsenic	<0.00500		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Beryllium	<0.00100		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Cadmium	<0.000700		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Chromium	<0.00250		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Copper	<0.00530		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Lead	<0.00300		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Nickel	<0.00500		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Selenium	<0.00820		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Silver	<0.00300		mg/L	6050889	6050889-BLK1	05/08/06 19:20
Thallium	<0.00700		mg/L	6050889	6050889-BLK1	05/09/06 11:05
Zinc	<0.0200		mg/L	6050889	6050889-BLK1	05/08/06 19:20

Mercury by EPA Methods 7470A/7471A

6050976-BLK1

Mercury	<0.000100		mg/L	6050976	6050976-BLK1	05/05/06 15:40
---------	-----------	--	------	---------	--------------	----------------

6051476-BLK1

Mercury	<0.000100		mg/L	6051476	6051476-BLK1	05/09/06 14:30
---------	-----------	--	------	---------	--------------	----------------

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
---------	-------------	---	-------	------------	------------	--------------------

Mercury by EPA Methods 7470A/7471A

Acid and Base/Neutral Extractables by EPA Method 625

6050951-BLK1

Acenaphthene	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Acenaphthylene	<3.00		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Anthracene	<2.80		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Benzo (a) anthracene	<2.60		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Benzo (a) pyrene	<2.80		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Benzo (b) fluoranthene	<3.00		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Benzo (g,h,i) perylene	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Benzo (k) fluoranthene	<3.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
4-Bromophenyl phenyl ether	<2.20		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Butyl benzyl phthalate	<2.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
4-Chloro-3-methylphenol	<2.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Bis(2-chloroethoxy)methane	<3.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Bis(2-chloroethyl)ether	<1.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Bis(2-chloroisopropyl)ether	<4.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2-Chloronaphthalene	<3.00		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2-Chlorophenol	<2.00		ug/L	6050951	6050951-BLK1	05/08/06 09:42
4-Chlorophenyl phenyl ether	<2.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Chrysene	<2.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Dibenz (a,h) anthracene	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Di-n-butyl phthalate	<2.60		ug/L	6050951	6050951-BLK1	05/08/06 09:42
1,3-Dichlorobenzene	<1.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
1,4-Dichlorobenzene	<1.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
1,2-Dichlorobenzene	<1.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
3,3'-Dichlorobenzidine	<2.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2,4-Dichlorophenol	<3.10		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Diethyl phthalate	<2.60		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2,4-Dimethylphenol	<5.20		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Dimethyl phthalate	<2.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
4,6-Dinitro-2-methylphenol	<3.30		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2,4-Dinitrophenol	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2,6-Dinitrotoluene	<2.80		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2,4-Dinitrotoluene	<2.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Di-n-octyl phthalate	<2.80		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Bis(2-ethylhexyl)phthalate	<3.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Fluoranthene	<2.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Fluorene	<2.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Hexachlorobenzene	<2.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Hexachlorobutadiene	<3.20		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Hexachlorocyclopentadiene	<5.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Hexachloroethane	<1.80		ug/L	6050951	6050951-BLK1	05/08/06 09:42

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Acid and Base/Neutral Extractables by EPA Method 625						
6050951-BLK1						
Indeno (1,2,3-cd) pyrene	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Isophorone	<2.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Naphthalene	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Nitrobenzene	<4.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2-Nitrophenol	<2.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
4-Nitrophenol	<4.50		ug/L	6050951	6050951-BLK1	05/08/06 09:42
N-Nitrosodimethylamine	<3.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
N-Nitrosodiphenylamine	<3.80		ug/L	6050951	6050951-BLK1	05/08/06 09:42
N-Nitrosodi-n-propylamine	<2.00		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Pentachlorophenol	<3.00		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Phenanthrene	<2.40		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Phenol	<4.60		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Pyrene	<2.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
1,2,4-Trichlorobenzene	<2.70		ug/L	6050951	6050951-BLK1	05/08/06 09:42
2,4,6-Trichlorophenol	<2.90		ug/L	6050951	6050951-BLK1	05/08/06 09:42
Surrogate: Terphenyl-d14	89%			6050951	6050951-BLK1	05/08/06 09:42
Surrogate: 2,4,6-Tribromophenol	93%			6050951	6050951-BLK1	05/08/06 09:42
Surrogate: Phenol-d5	37%			6050951	6050951-BLK1	05/08/06 09:42
Surrogate: 2-Fluorobiphenyl	77%			6050951	6050951-BLK1	05/08/06 09:42
Surrogate: 2-Fluorophenol	52%			6050951	6050951-BLK1	05/08/06 09:42
Surrogate: Nitrobenzene-d5	74%			6050951	6050951-BLK1	05/08/06 09:42

Volatile Organic Compounds by EPA Method 8260B

6051002-BLK1						
Acetone	<5.91		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Benzene	<0.290		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Bromobenzene	<0.470		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Bromochloromethane	<0.420		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Bromodichloromethane	<0.380		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Bromoform	<0.500		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Bromomethane	<0.600		ug/L	6051002	6051002-BLK1	05/08/06 01:43
2-Butanone	<5.09		ug/L	6051002	6051002-BLK1	05/08/06 01:43
sec-Butylbenzene	<0.380		ug/L	6051002	6051002-BLK1	05/08/06 01:43
n-Butylbenzene	<0.460		ug/L	6051002	6051002-BLK1	05/08/06 01:43
tert-Butylbenzene	<0.390		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Carbon disulfide	<0.310		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Carbon Tetrachloride	<0.480		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Chlorobenzene	<0.320		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Chlorodibromomethane	<0.360		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Chloroethane	<0.500		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Chloroform	<0.380		ug/L	6051002	6051002-BLK1	05/08/06 01:43

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051002-BLK1						
Chloromethane	<0.460		ug/L	6051002	6051002-BLK1	05/08/06 01:43
2-Chlorotoluene	<0.270		ug/L	6051002	6051002-BLK1	05/08/06 01:43
4-Chlorotoluene	<0.370		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2-Dibromoethane (EDB)	<0.380		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Dibromomethane	<0.570		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,4-Dichlorobenzene	<0.460		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,3-Dichlorobenzene	<0.360		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2-Dichlorobenzene	<0.370		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Dichlorodifluoromethane	<0.410		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1-Dichloroethane	<0.320		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2-Dichloroethane	<0.280		ug/L	6051002	6051002-BLK1	05/08/06 01:43
cis-1,2-Dichloroethene	<0.390		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1-Dichloroethene	<0.450		ug/L	6051002	6051002-BLK1	05/08/06 01:43
trans-1,2-Dichloroethene	<0.340		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,3-Dichloropropane	<0.630		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2-Dichloropropane	<0.500		ug/L	6051002	6051002-BLK1	05/08/06 01:43
2,2-Dichloropropane	<0.660		ug/L	6051002	6051002-BLK1	05/08/06 01:43
cis-1,3-Dichloropropene	<0.450		ug/L	6051002	6051002-BLK1	05/08/06 01:43
trans-1,3-Dichloropropene	<0.490		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1-Dichloropropene	<0.510		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Ethylbenzene	<0.340		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Hexachlorobutadiene	0.910		ug/L	6051002	6051002-BLK1	05/08/06 01:43
2-Hexanone	<2.53		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Isopropylbenzene	<0.340		ug/L	6051002	6051002-BLK1	05/08/06 01:43
p-Isopropyltoluene	<0.340		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Methyl tert-Butyl Ether	<0.320		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Methylene Chloride	<1.26		ug/L	6051002	6051002-BLK1	05/08/06 01:43
4-Methyl-2-pentanone	<4.25		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Naphthalene	3.65		ug/L	6051002	6051002-BLK1	05/08/06 01:43
n-Propylbenzene	<0.370		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Styrene	<0.390		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Tetrachloroethene	<0.390		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Toluene	1.47	B	ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2,3-Trichlorobenzene	2.28	B	ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2,4-Trichlorobenzene	0.800		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1,2-Trichloroethane	<0.420		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,1,1-Trichloroethane	<0.400		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Trichloroethene	<0.450		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Trichlorofluoromethane	<0.480		ug/L	6051002	6051002-BLK1	05/08/06 01:43

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051002-BLK1						
1,2,3-Trichloropropane	<0.560		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,3,5-Trimethylbenzene	<0.280		ug/L	6051002	6051002-BLK1	05/08/06 01:43
1,2,4-Trimethylbenzene	<0.340		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Vinyl chloride	<0.430		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Xylenes, total	<0.820		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Diisopropyl Ether	<0.420		ug/L	6051002	6051002-BLK1	05/08/06 01:43
Surrogate: 1,2-Dichloroethane-d4	94%			6051002	6051002-BLK1	05/08/06 01:43
Surrogate: Dibromofluoromethane	96%			6051002	6051002-BLK1	05/08/06 01:43
Surrogate: Toluene-d8	98%			6051002	6051002-BLK1	05/08/06 01:43
Surrogate: 4-Bromofluorobenzene	102%			6051002	6051002-BLK1	05/08/06 01:43
6051523-BLK1						
Acetone	<5.91		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Benzene	<0.290		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Bromobenzene	<0.470		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Bromochloromethane	<0.420		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Bromodichloromethane	<0.380		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Bromoform	<0.500		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Bromomethane	<0.600		ug/L	6051523	6051523-BLK1	05/11/06 01:36
2-Butanone	<5.09		ug/L	6051523	6051523-BLK1	05/11/06 01:36
sec-Butylbenzene	<0.380		ug/L	6051523	6051523-BLK1	05/11/06 01:36
n-Butylbenzene	<0.460		ug/L	6051523	6051523-BLK1	05/11/06 01:36
tert-Butylbenzene	<0.390		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Carbon disulfide	<0.310		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Carbon Tetrachloride	<0.480		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Chlorobenzene	<0.320		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Chlorodibromomethane	<0.360		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Chloroethane	<0.500		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Chloroform	<0.380		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Chloromethane	<0.460		ug/L	6051523	6051523-BLK1	05/11/06 01:36
2-Chlorotoluene	<0.270		ug/L	6051523	6051523-BLK1	05/11/06 01:36
4-Chlorotoluene	<0.370		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2-Dibromoethane (EDB)	<0.380		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Dibromomethane	<0.570		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,4-Dichlorobenzene	<0.460		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,3-Dichlorobenzene	<0.360		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2-Dichlorobenzene	<0.370		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Dichlorodifluoromethane	<0.410		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,1-Dichloroethane	<0.320		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2-Dichloroethane	<0.280		ug/L	6051523	6051523-BLK1	05/11/06 01:36
cis-1,2-Dichloroethene	<0.390		ug/L	6051523	6051523-BLK1	05/11/06 01:36

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051523-BLK1						
1,1-Dichloroethene	<0.450		ug/L	6051523	6051523-BLK1	05/11/06 01:36
trans-1,2-Dichloroethene	<0.340		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,3-Dichloropropane	<0.630		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2-Dichloropropane	<0.500		ug/L	6051523	6051523-BLK1	05/11/06 01:36
2,2-Dichloropropane	<0.660		ug/L	6051523	6051523-BLK1	05/11/06 01:36
cis-1,3-Dichloropropene	<0.450		ug/L	6051523	6051523-BLK1	05/11/06 01:36
trans-1,3-Dichloropropene	<0.490		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,1-Dichloropropene	<0.510		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Ethylbenzene	<0.340		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Hexachlorobutadiene	<0.670		ug/L	6051523	6051523-BLK1	05/11/06 01:36
2-Hexanone	<2.53		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Isopropylbenzene	<0.340		ug/L	6051523	6051523-BLK1	05/11/06 01:36
p-Isopropyltoluene	<0.340		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Methyl tert-Butyl Ether	<0.320		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Methylene Chloride	<1.26		ug/L	6051523	6051523-BLK1	05/11/06 01:36
4-Methyl-2-pentanone	<4.25		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Naphthalene	<1.13		ug/L	6051523	6051523-BLK1	05/11/06 01:36
n-Propylbenzene	<0.370		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Styrene	<0.390		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Tetrachloroethene	<0.390		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Toluene	<0.280		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2,3-Trichlorobenzene	1.60		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2,4-Trichlorobenzene	<0.790		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,1,2-Trichloroethane	<0.420		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,1,1-Trichloroethane	<0.400		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Trichloroethene	<0.450		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Trichlorofluoromethane	<0.480		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2,3-Trichloropropane	<0.560		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,3,5-Trimethylbenzene	<0.280		ug/L	6051523	6051523-BLK1	05/11/06 01:36
1,2,4-Trimethylbenzene	<0.340		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Vinyl chloride	<0.430		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Xylenes, total	<0.820		ug/L	6051523	6051523-BLK1	05/11/06 01:36
Surrogate: 1,2-Dichloroethane-d4	103%			6051523	6051523-BLK1	05/11/06 01:36
Surrogate: Dibromofluoromethane	102%			6051523	6051523-BLK1	05/11/06 01:36
Surrogate: Toluene-d8	96%			6051523	6051523-BLK1	05/11/06 01:36
Surrogate: 4-Bromofluorobenzene	98%			6051523	6051523-BLK1	05/11/06 01:36

6051564-BLK1

Acetone	<5.91		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Benzene	<0.290		ug/L	6051564	6051564-BLK1	05/09/06 03:45

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051564-BLK1						
Bromobenzene	<0.470		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Bromochloromethane	<0.420		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Bromodichloromethane	<0.380		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Bromoforn	<0.500		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Bromomethane	<0.600		ug/L	6051564	6051564-BLK1	05/09/06 03:45
2-Butanone	<5.09		ug/L	6051564	6051564-BLK1	05/09/06 03:45
sec-Butylbenzene	<0.380		ug/L	6051564	6051564-BLK1	05/09/06 03:45
n-Butylbenzene	<0.460		ug/L	6051564	6051564-BLK1	05/09/06 03:45
tert-Butylbenzene	<0.390		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Carbon disulfide	<0.310		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Carbon Tetrachloride	<0.480		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Chlorobenzene	<0.320		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Chlorodibromomethane	<0.360		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Chloroethane	<0.500		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Chloroform	<0.380		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Chloromethane	<0.460		ug/L	6051564	6051564-BLK1	05/09/06 03:45
2-Chlorotoluene	<0.270		ug/L	6051564	6051564-BLK1	05/09/06 03:45
4-Chlorotoluene	<0.370		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2-Dibromoethane (EDB)	<0.380		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Dibromomethane	<0.570		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,4-Dichlorobenzene	<0.460		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,3-Dichlorobenzene	<0.360		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2-Dichlorobenzene	<0.370		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Dichlorodifluoromethane	<0.410		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1-Dichloroethane	<0.320		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2-Dichloroethane	<0.280		ug/L	6051564	6051564-BLK1	05/09/06 03:45
cis-1,2-Dichloroethene	<0.390		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1-Dichloroethene	<0.450		ug/L	6051564	6051564-BLK1	05/09/06 03:45
trans-1,2-Dichloroethene	<0.340		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,3-Dichloropropane	<0.630		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2-Dichloropropane	<0.500		ug/L	6051564	6051564-BLK1	05/09/06 03:45
2,2-Dichloropropane	<0.660		ug/L	6051564	6051564-BLK1	05/09/06 03:45
cis-1,3-Dichloropropene	<0.450		ug/L	6051564	6051564-BLK1	05/09/06 03:45
trans-1,3-Dichloropropene	<0.490		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1-Dichloropropene	<0.510		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Ethylbenzene	<0.340		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Hexachlorobutadiene	<0.670		ug/L	6051564	6051564-BLK1	05/09/06 03:45
2-Hexanone	<2.53		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Isopropylbenzene	<0.340		ug/L	6051564	6051564-BLK1	05/09/06 03:45
p-Isopropyltoluene	<0.340		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Methyl tert-Butyl Ether	<0.320		ug/L	6051564	6051564-BLK1	05/09/06 03:45

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051564-BLK1						
Methylene Chloride	<1.26		ug/L	6051564	6051564-BLK1	05/09/06 03:45
4-Methyl-2-pentanone	<4.25		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Naphthalene	3.60		ug/L	6051564	6051564-BLK1	05/09/06 03:45
n-Propylbenzene	<0.370		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Styrene	<0.390		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Tetrachloroethene	<0.390		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Toluene	<0.280		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2,3-Trichlorobenzene	2.23	B	ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2,4-Trichlorobenzene	<0.790		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1,2-Trichloroethane	<0.420		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,1,1-Trichloroethane	<0.400		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Trichloroethene	<0.450		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Trichlorofluoromethane	<0.480		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2,3-Trichloropropane	<0.560		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,3,5-Trimethylbenzene	<0.280		ug/L	6051564	6051564-BLK1	05/09/06 03:45
1,2,4-Trimethylbenzene	<0.340		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Vinyl chloride	<0.430		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Xylenes, total	<0.820		ug/L	6051564	6051564-BLK1	05/09/06 03:45
Surrogate: 1,2-Dichloroethane-d4	95%			6051564	6051564-BLK1	05/09/06 03:45
Surrogate: Dibromofluoromethane	97%			6051564	6051564-BLK1	05/09/06 03:45
Surrogate: Toluene-d8	98%			6051564	6051564-BLK1	05/09/06 03:45
Surrogate: 4-Bromofluorobenzene	101%			6051564	6051564-BLK1	05/09/06 03:45
6051810-BLK1						
Acetone	<5.91		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Benzene	<0.290		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Bromobenzene	<0.470		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Bromochloromethane	<0.420		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Bromodichloromethane	<0.380		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Bromoform	<0.500		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Bromomethane	<0.600		ug/L	6051810	6051810-BLK1	05/09/06 13:41
2-Butanone	<5.09		ug/L	6051810	6051810-BLK1	05/09/06 13:41
sec-Butylbenzene	<0.380		ug/L	6051810	6051810-BLK1	05/09/06 13:41
n-Butylbenzene	<0.460		ug/L	6051810	6051810-BLK1	05/09/06 13:41
tert-Butylbenzene	<0.390		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Carbon disulfide	<0.310		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Carbon Tetrachloride	<0.480		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Chlorobenzene	<0.320		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Chlorodibromomethane	<0.360		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Chloroethane	<0.500		ug/L	6051810	6051810-BLK1	05/09/06 13:41



Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051810-BLK1						
Chloroform	<0.380		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Chloromethane	<0.460		ug/L	6051810	6051810-BLK1	05/09/06 13:41
2-Chlorotoluene	<0.270		ug/L	6051810	6051810-BLK1	05/09/06 13:41
4-Chlorotoluene	<0.370		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2-Dibromo-3-chloropropane	<1.64		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2-Dibromoethane (EDB)	<0.380		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Dibromomethane	<0.570		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,4-Dichlorobenzene	<0.460		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,3-Dichlorobenzene	<0.360		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2-Dichlorobenzene	<0.370		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Dichlorodifluoromethane	<0.410		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1-Dichloroethane	<0.320		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2-Dichloroethane	<0.280		ug/L	6051810	6051810-BLK1	05/09/06 13:41
cis-1,2-Dichloroethene	<0.390		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1-Dichloroethene	<0.450		ug/L	6051810	6051810-BLK1	05/09/06 13:41
trans-1,2-Dichloroethene	<0.340		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,3-Dichloropropane	<0.630		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2-Dichloropropane	<0.500		ug/L	6051810	6051810-BLK1	05/09/06 13:41
2,2-Dichloropropane	<0.660		ug/L	6051810	6051810-BLK1	05/09/06 13:41
cis-1,3-Dichloropropene	<0.450		ug/L	6051810	6051810-BLK1	05/09/06 13:41
trans-1,3-Dichloropropene	<0.490		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1-Dichloropropene	<0.510		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Ethylbenzene	<0.340		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Hexachlorobutadiene	<0.670		ug/L	6051810	6051810-BLK1	05/09/06 13:41
2-Hexanone	<2.53		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Isopropylbenzene	<0.340		ug/L	6051810	6051810-BLK1	05/09/06 13:41
p-Isopropyltoluene	<0.340		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Methyl tert-Butyl Ether	<0.320		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Methylene Chloride	<1.26		ug/L	6051810	6051810-BLK1	05/09/06 13:41
4-Methyl-2-pentanone	<4.25		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Naphthalene	<1.13		ug/L	6051810	6051810-BLK1	05/09/06 13:41
n-Propylbenzene	<0.370		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Styrene	<0.390		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1,1,2-Tetrachloroethane	<0.370		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Tetrachloroethene	<0.390		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Toluene	<0.280		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2,3-Trichlorobenzene	1.90		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2,4-Trichlorobenzene	<0.790		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1,2-Trichloroethane	<0.420		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,1,1-Trichloroethane	<0.400		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Trichloroethene	<0.450		ug/L	6051810	6051810-BLK1	05/09/06 13:41

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6051810-BLK1						
Trichlorofluoromethane	<0.480		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2,3-Trichloropropane	<0.560		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,3,5-Trimethylbenzene	<0.280		ug/L	6051810	6051810-BLK1	05/09/06 13:41
1,2,4-Trimethylbenzene	<0.340		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Vinyl chloride	<0.430		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Xylenes, total	<0.820		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Diisopropyl Ether	<0.420		ug/L	6051810	6051810-BLK1	05/09/06 13:41
Surrogate: 1,2-Dichloroethane-d4	120%			6051810	6051810-BLK1	05/09/06 13:41
Surrogate: Dibromofluoromethane	120%			6051810	6051810-BLK1	05/09/06 13:41
Surrogate: Toluene-d8	96%			6051810	6051810-BLK1	05/09/06 13:41
Surrogate: 4-Bromofluorobenzene	100%			6051810	6051810-BLK1	05/09/06 13:41
Volatile Organic Compounds by SM 6210D						
6051403-BLK1						
Benzene	<0.0900		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Bromobenzene	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Bromochloromethane	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Bromodichloromethane	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Bromoform	<0.100		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Bromomethane	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
n-Butylbenzene	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
tert-Butylbenzene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
sec-Butylbenzene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Carbon disulfide	0.350		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Carbon Tetrachloride	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Chlorobenzene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Chlorodibromomethane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Chloroethane	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Chloroform	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Chloromethane	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
4-Chlorotoluene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
2-Chlorotoluene	<0.0900		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2-Dibromo-3-chloropropane	<0.210		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2-Dibromoethane (EDB)	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Dibromomethane	<0.0900		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,4-Dichlorobenzene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2-Dichlorobenzene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,3-Dichlorobenzene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Dichlorodifluoromethane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1-Dichloroethane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2-Dichloroethane	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by SM 6210D						
6051403-BLK1						
trans-1,2-Dichloroethene	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1-Dichloroethene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
cis-1,2-Dichloroethene	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2-Dichloropropane	<0.0400		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,3-Dichloropropane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
2,2-Dichloropropane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
trans-1,3-Dichloropropene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
cis-1,3-Dichloropropene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1-Dichloropropene	<0.0900		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Ethylbenzene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Hexachlorobutadiene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Isopropylbenzene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
p-Isopropyltoluene	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Methylene Chloride	<0.220		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Naphthalene	<0.150		ug/L	6051403	6051403-BLK1	05/10/06 14:21
n-Propylbenzene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Styrene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1,1,2-Tetrachloroethane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1,1,2-Tetrachloroethane	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Tetrachloroethene	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Toluene	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2,3-Trichlorobenzene	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2,4-Trichlorobenzene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1,2-Trichloroethane	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,1,1-Trichloroethane	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Trichloroethene	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Trichlorofluoromethane	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2,3-Trichloropropane	<0.120		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,3,5-Trimethylbenzene	<0.0700		ug/L	6051403	6051403-BLK1	05/10/06 14:21
1,2,4-Trimethylbenzene	<0.0800		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Vinyl chloride	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Xylenes, total	<0.220		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Methyl tert-Butyl Ether	<0.0500		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Diisopropyl Ether	<0.0600		ug/L	6051403	6051403-BLK1	05/10/06 14:21
Surrogate: 1,2-Dichloroethane-d4	83%			6051403	6051403-BLK1	05/10/06 14:21
Surrogate: Dibromofluoromethane	92%			6051403	6051403-BLK1	05/10/06 14:21
Surrogate: Toluene-d8	87%			6051403	6051403-BLK1	05/10/06 14:21
Surrogate: 4-Bromofluorobenzene	88%			6051403	6051403-BLK1	05/10/06 14:21

Semivolatile Organic Compounds by EPA Method 8270C

6051264-BLK1

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C						
6051264-BLK1						
Acenaphthene	<1.60		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Acenaphthylene	<1.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Anthracene	<0.900		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Benzo (a) anthracene	<1.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Benzo (a) pyrene	<0.900		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Benzo (b) fluoranthene	<1.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Benzo (g,h,i) perylene	<0.800		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Benzo (k) fluoranthene	<1.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4-Bromophenyl phenyl ether	<2.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Butyl benzyl phthalate	<2.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Carbazole	<2.60		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4-Chloro-3-methylphenol	<2.40		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4-Chloroaniline	<2.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Bis(2-chloroethoxy)methane	<3.40		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Bis(2-chloroethyl)ether	<3.30		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Bis(2-chloroisopropyl)ether	<3.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2-Chloronaphthalene	<1.30		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2-Chlorophenol	<2.90		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4-Chlorophenyl phenyl ether	<2.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Chrysene	<1.00		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Dibenz (a,h) anthracene	<1.00		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Dibenzofuran	<2.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Di-n-butyl phthalate	<2.60		ug/L	6051264	6051264-BLK1	05/07/06 21:54
1,4-Dichlorobenzene	<2.90		ug/L	6051264	6051264-BLK1	05/07/06 21:54
1,2-Dichlorobenzene	<3.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54
1,3-Dichlorobenzene	<3.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
3,3'-Dichlorobenzidine	<2.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,4-Dichlorophenol	<3.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Diethyl phthalate	<2.60		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,4-Dimethylphenol	<5.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Dimethyl phthalate	<2.40		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4,6-Dinitro-2-methylphenol	<3.30		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,4-Dinitrophenol	<2.90		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,6-Dinitrotoluene	<2.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,4-Dinitrotoluene	<2.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Di-n-octyl phthalate	<2.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Bis(2-ethylhexyl)phthalate	<3.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Fluoranthene	<1.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Fluorene	<1.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Hexachlorobenzene	<2.40		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Hexachlorobutadiene	<3.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Hexachlorocyclopentadiene	<2.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C						
6051264-BLK1						
Hexachloroethane	<2.90		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Isophorone	<2.40		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2-Methylnaphthalene	<1.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2-Methylphenol	<2.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Naphthalene	<1.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
3/4-Methylphenol	<3.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54
3-Nitroaniline	<2.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2-Nitroaniline	<2.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4-Nitroaniline	<2.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Nitrobenzene	<3.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54
4-Nitrophenol	<4.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2-Nitrophenol	<2.50		ug/L	6051264	6051264-BLK1	05/07/06 21:54
N-Nitrosodiphenylamine	<3.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
N-Nitrosodi-n-propylamine	<3.00		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Pentachlorophenol	<3.00		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Phenanthrene	<1.20		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Phenol	<1.80		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Pyrene	<1.10		ug/L	6051264	6051264-BLK1	05/07/06 21:54
1,2,4-Trichlorobenzene	<2.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
1-Methylnaphthalene	<1.40		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,4,6-Trichlorophenol	<2.90		ug/L	6051264	6051264-BLK1	05/07/06 21:54
2,4,5-Trichlorophenol	<2.70		ug/L	6051264	6051264-BLK1	05/07/06 21:54
Surrogate: Terphenyl-d14	88%			6051264	6051264-BLK1	05/07/06 21:54
Surrogate: 2,4,6-Tribromophenol	89%			6051264	6051264-BLK1	05/07/06 21:54
Surrogate: Phenol-d5	25%			6051264	6051264-BLK1	05/07/06 21:54
Surrogate: 2-Fluorobiphenyl	72%			6051264	6051264-BLK1	05/07/06 21:54
Surrogate: 2-Fluorophenol	37%			6051264	6051264-BLK1	05/07/06 21:54
Surrogate: Nitrobenzene-d5	71%			6051264	6051264-BLK1	05/07/06 21:54

Tentatively Identified Compounds by EPA Method 625

6050951-BLK1

No TIC's Found	<50.0	ug/L	6050951	6050951-BLK1	05/08/06 09:42
----------------	-------	------	---------	--------------	----------------

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Metals								
6050895-BS1								
Lead	0.0500	0.0468		mg/L	94%	80 - 120	6050895	05/05/06 21:44
MADEP VPH								
6051229-BS1								
Methyl tert-Butyl Ether	50.0	42.8		ug/L	86%	70 - 130	6051229	05/07/06 19:49
Benzene	50.0	52.2		ug/L	104%	70 - 130	6051229	05/07/06 19:49
Toluene	50.0	51.7		ug/L	103%	70 - 130	6051229	05/07/06 19:49
Ethylbenzene	50.0	56.1		ug/L	112%	70 - 130	6051229	05/07/06 19:49
m,p-Xylene	100	110		ug/L	110%	70 - 130	6051229	05/07/06 19:49
o-Xylene	50.0	52.3		ug/L	105%	70 - 130	6051229	05/07/06 19:49
Naphthalene	50.0	45.5		ug/L	91%	70 - 130	6051229	05/07/06 19:49
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	150	192		ug/L	128%	70 - 130	6051229	05/07/06 19:49
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	100	101		ug/L	101%	70 - 130	6051229	05/07/06 19:49
C9 - C10 Aromatic Hydrocarbons	50.0	50.1		ug/L	100%	70 - 130	6051229	05/07/06 19:49
Surrogate: 2,5-Dibromotoluene (FID)	90.0	80.9			90%	70 - 130	6051229	05/07/06 19:49
Surrogate: 2,5-Dibromotoluene (PID)	90.0	80.9			90%	70 - 130	6051229	05/07/06 19:49
6051976-BS1								
Methyl tert-Butyl Ether	50.0	42.8		ug/L	86%	70 - 130	6051976	05/07/06 19:49
Benzene	50.0	52.2		ug/L	104%	70 - 130	6051976	05/07/06 19:49
Toluene	50.0	51.7		ug/L	103%	70 - 130	6051976	05/07/06 19:49
Ethylbenzene	50.0	56.1		ug/L	112%	70 - 130	6051976	05/07/06 19:49
m,p-Xylene	100	110		ug/L	110%	70 - 130	6051976	05/07/06 19:49
o-Xylene	50.0	52.3		ug/L	105%	70 - 130	6051976	05/07/06 19:49
Naphthalene	50.0	45.5		ug/L	91%	70 - 130	6051976	05/07/06 19:49
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	150	192		ug/L	128%	70 - 130	6051976	05/07/06 19:49
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	100	101		ug/L	101%	70 - 130	6051976	05/07/06 19:49
C9 - C10 Aromatic Hydrocarbons	50.0	50.1		ug/L	100%	70 - 130	6051976	05/07/06 19:49
Surrogate: 2,5-Dibromotoluene (FID)	90.0	80.9			90%	70 - 130	6051976	05/07/06 19:49
Surrogate: 2,5-Dibromotoluene (PID)	90.0	80.9			90%	70 - 130	6051976	05/07/06 19:49
MADEP EPH								
6050949-BS1								
C9 - C18 Aliphatic Hydrocarbons	150	61.1		ug/L	41%	40 - 140	6050949	05/10/06 03:22
C19 - C36 Aliphatic Hydrocarbons	200	142		ug/L	71%	40 - 140	6050949	05/10/06 03:22
C11 - C22 Aromatic Hydrocarbons	425	363		ug/L	85%	40 - 140	6050949	05/10/06 03:22
C11 - C22 Aromatic Hydrocarbons, Unadjusted	425	363		ug/L	85%	40 - 140	6050949	05/10/06 03:49
2-Methylnaphthalene	25.0	17.3		ug/L	69%	40 - 140	6050949	05/10/06 03:49
Acenaphthene	25.0	20.2		ug/L	81%	40 - 140	6050949	05/10/06 03:49
Acenaphthylene	25.0	20.1		ug/L	80%	40 - 140	6050949	05/10/06 03:49
Anthracene	25.0	23.6		ug/L	94%	40 - 140	6050949	05/10/06 03:49
Benzo (a) anthracene	25.0	22.8		ug/L	91%	40 - 140	6050949	05/10/06 03:49

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
MADEP EPH								
6050949-BS1								
Benzo (a) pyrene	25.0	22.0		ug/L	88%	40 - 140	6050949	05/10/06 03:22
Benzo (b) fluoranthene	25.0	23.5		ug/L	94%	40 - 140	6050949	05/10/06 03:49
Benzo (g,h,i) perylene	25.0	20.6		ug/L	82%	40 - 140	6050949	05/10/06 03:49
Benzo (k) fluoranthene	25.0	21.0		ug/L	84%	40 - 140	6050949	05/10/06 03:49
Chrysene	25.0	22.0		ug/L	88%	40 - 140	6050949	05/10/06 03:49
Dibenz (a,h) anthracene	25.0	20.9		ug/L	84%	40 - 140	6050949	05/10/06 03:49
Fluoranthene	25.0	22.9		ug/L	92%	40 - 140	6050949	05/10/06 03:49
Fluorene	25.0	21.8		ug/L	87%	40 - 140	6050949	05/10/06 03:49
Indeno (1,2,3-cd) pyrene	25.0	18.9		ug/L	76%	40 - 140	6050949	05/10/06 03:49
Naphthalene	25.0	18.3		ug/L	73%	40 - 140	6050949	05/10/06 03:49
Phenanthrene	25.0	22.6		ug/L	90%	40 - 140	6050949	05/10/06 03:49
Pyrene	25.0	23.5		ug/L	94%	40 - 140	6050949	05/10/06 03:49
Surrogate: 1-Chlorooctadecane	20.0	11.0			55%	40 - 140	6050949	05/10/06 03:22
Surrogate: o-Terphenyl	20.0	16.4			82%	40 - 140	6050949	05/10/06 03:49
Surrogate: 2-Bromonaphthalene	40.0	48.3			121%	40 - 140	6050949	05/10/06 03:49
Surrogate: 2-Fluorobiphenyl	40.0	47.6			119%	40 - 140	6050949	05/10/06 03:49
Total Metals by EPA Method 6010B								
6050889-BS1								
Antimony	0.100	0.103		mg/L	103%	80 - 120	6050889	05/08/06 19:24
Arsenic	0.0500	0.0555		mg/L	111%	80 - 120	6050889	05/08/06 19:24
Beryllium	0.0500	0.0551		mg/L	110%	80 - 120	6050889	05/08/06 19:24
Cadmium	0.0500	0.0517		mg/L	103%	80 - 120	6050889	05/08/06 19:24
Chromium	0.200	0.210		mg/L	105%	80 - 120	6050889	05/08/06 19:24
Copper	0.250	0.239		mg/L	96%	80 - 120	6050889	05/08/06 19:24
Lead	0.0500	0.0509		mg/L	102%	80 - 120	6050889	05/08/06 19:24
Nickel	0.500	0.519		mg/L	104%	80 - 120	6050889	05/08/06 19:24
Selenium	0.0500	0.0513		mg/L	103%	80 - 120	6050889	05/08/06 19:24
Silver	0.0500	0.0530		mg/L	106%	80 - 120	6050889	05/08/06 19:24
Thallium	0.0500	0.0539		mg/L	108%	80 - 120	6050889	05/09/06 11:10
Zinc	0.500	0.525		mg/L	105%	80 - 120	6050889	05/08/06 19:24
Mercury by EPA Methods 7470A/7471A								
6050976-BS1								
Mercury	0.00100	0.00111		mg/L	111%	78 - 124	6050976	05/05/06 15:43
6051476-BS1								
Mercury	0.00100	0.00111		mg/L	111%	78 - 124	6051476	05/09/06 14:32
Acid and Base/Neutral Extractables by EPA Method 625								
6050951-BS1								
Acenaphthene	50.0	44.4	MNR1	ug/L	89%	47 - 145	6050951	05/08/06 07:34

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Acid and Base/Neutral Extractables by EPA Method 625								
6050951-BS1								
Acenaphthylene	50.0	49.4	MNR1	ug/L	99%	33 - 145	6050951	05/08/06 07:34
Anthracene	50.0	47.4	MNR1	ug/L	95%	27 - 133	6050951	05/08/06 07:34
Benzo (a) anthracene	50.0	48.9	MNR1	ug/L	98%	33 - 143	6050951	05/08/06 07:34
Benzo (a) pyrene	50.0	49.6	MNR1	ug/L	99%	17 - 163	6050951	05/08/06 07:34
Benzo (b) fluoranthene	50.0	52.2	MNR1	ug/L	104%	24 - 159	6050951	05/08/06 07:34
Benzo (g,h,i) perylene	50.0	44.7	MNR1	ug/L	89%	1 - 219	6050951	05/08/06 07:34
Benzo (k) fluoranthene	50.0	44.8	MNR1	ug/L	90%	11 - 162	6050951	05/08/06 07:34
4-Bromophenyl phenyl ether	50.0	42.0	MNR1	ug/L	84%	53 - 127	6050951	05/08/06 07:34
Butyl benzyl phthalate	50.0	48.0	MNR1	ug/L	96%	1 - 152	6050951	05/08/06 07:34
4-Chloro-3-methylphenol	50.0	48.0	MNR1	ug/L	96%	22 - 147	6050951	05/08/06 07:34
Bis(2-chloroethoxy)methane	50.0	44.9	MNR1	ug/L	90%	33 - 184	6050951	05/08/06 07:34
Bis(2-chloroethyl)ether	50.0	42.6	MNR1	ug/L	85%	12 - 158	6050951	05/08/06 07:34
Bis(2-chloroisopropyl)ether	50.0	43.6	MNR1	ug/L	87%	36 - 166	6050951	05/08/06 07:34
2-Chloronaphthalene	50.0	43.2	MNR1	ug/L	86%	60 - 118	6050951	05/08/06 07:34
2-Chlorophenol	50.0	42.4	MNR1	ug/L	85%	23 - 134	6050951	05/08/06 07:34
4-Chlorophenyl phenyl ether	50.0	49.4	MNR1	ug/L	99%	25 - 158	6050951	05/08/06 07:34
Chrysene	50.0	46.6	MNR1	ug/L	93%	17 - 168	6050951	05/08/06 07:34
Dibenz (a,h) anthracene	50.0	44.9	MNR1	ug/L	90%	1 - 227	6050951	05/08/06 07:34
Di-n-butyl phthalate	50.0	46.6	MNR1	ug/L	93%	1 - 118	6050951	05/08/06 07:34
1,3-Dichlorobenzene	50.0	38.9	MNR1	ug/L	78%	1 - 172	6050951	05/08/06 07:34
1,4-Dichlorobenzene	50.0	38.3	MNR1	ug/L	77%	20 - 124	6050951	05/08/06 07:34
1,2-Dichlorobenzene	50.5	39.9	MNR1	ug/L	79%	32 - 129	6050951	05/08/06 07:34
3,3'-Dichlorobenzidine	50.0	44.4	MNR1	ug/L	89%	1 - 262	6050951	05/08/06 07:34
2,4-Dichlorophenol	50.0	50.1	MNR1	ug/L	100%	39 - 135	6050951	05/08/06 07:34
Diethyl phthalate	50.0	52.0	MNR1	ug/L	104%	1 - 114	6050951	05/08/06 07:34
2,4-Dimethylphenol	50.0	38.4	MNR1	ug/L	77%	32 - 119	6050951	05/08/06 07:34
Dimethyl phthalate	50.0	49.1	MNR1	ug/L	98%	1 - 112	6050951	05/08/06 07:34
4,6-Dinitro-2-methylphenol	50.0	39.5	MNR1	ug/L	79%	1 - 181	6050951	05/08/06 07:34
2,4-Dinitrophenol	50.0	42.4	MNR1	ug/L	85%	1 - 191	6050951	05/08/06 07:34
2,6-Dinitrotoluene	50.0	52.8	MNR1	ug/L	106%	50 - 158	6050951	05/08/06 07:34
2,4-Dinitrotoluene	50.0	49.6	MNR1	ug/L	99%	39 - 139	6050951	05/08/06 07:34
Di-n-octyl phthalate	50.0	49.5	MNR1	ug/L	99%	4 - 146	6050951	05/08/06 07:34
Bis(2-ethylhexyl)phthalate	50.0	46.1	MNR1	ug/L	92%	8 - 158	6050951	05/08/06 07:34
Fluoranthene	50.0	47.3	MNR1	ug/L	95%	26 - 137	6050951	05/08/06 07:34
Fluorene	50.0	48.9	MNR1	ug/L	98%	59 - 121	6050951	05/08/06 07:34
Hexachlorobenzene	50.0	49.3	MNR1	ug/L	99%	1 - 152	6050951	05/08/06 07:34
Hexachlorobutadiene	50.0	48.7	MNR1	ug/L	97%	24 - 116	6050951	05/08/06 07:34
Hexachlorocyclopentadiene	50.0	42.2	MNR1	ug/L	84%	23 - 86	6050951	05/08/06 07:34
Hexachloroethane	50.0	36.3	MNR1	ug/L	73%	40 - 113	6050951	05/08/06 07:34
Indeno (1,2,3-cd) pyrene	50.0	44.3	MNR1	ug/L	89%	1 - 171	6050951	05/08/06 07:34
Isophorone	50.0	48.4	MNR1	ug/L	97%	21 - 196	6050951	05/08/06 07:34

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Acid and Base/Neutral Extractables by EPA Method 625								
6050951-BS1								
Naphthalene	50.0	41.2	MNR1	ug/L	82%	21 - 133	6050951	05/08/06 07:34
Nitrobenzene	50.0	43.5	MNR1	ug/L	87%	35 - 180	6050951	05/08/06 07:34
2-Nitrophenol	50.0	47.0	MNR1	ug/L	94%	29 - 182	6050951	05/08/06 07:34
4-Nitrophenol	50.0	24.4	MNR1	ug/L	49%	1 - 132	6050951	05/08/06 07:34
N-Nitrosodimethylamine	50.0	22.7	MNR1	ug/L	45%	23 - 69	6050951	05/08/06 07:34
N-Nitrosodiphenylamine	50.0	64.8	L, MNR1	ug/L	130%	42 - 111	6050951	05/08/06 07:34
N-Nitrosodi-n-propylamine	50.0	44.7	MNR1	ug/L	89%	1 - 230	6050951	05/08/06 07:34
Pentachlorophenol	50.0	57.0	MNR1	ug/L	114%	14 - 176	6050951	05/08/06 07:34
Phenanthrene	50.0	43.7	MNR1	ug/L	87%	54 - 120	6050951	05/08/06 07:34
Phenol	50.0	22.0	MNR1	ug/L	44%	5 - 112	6050951	05/08/06 07:34
Pyrene	50.0	47.9	MNR1	ug/L	96%	52 - 115	6050951	05/08/06 07:34
1,2,4-Trichlorobenzene	50.0	41.4	MNR1	ug/L	83%	44 - 142	6050951	05/08/06 07:34
2,4,6-Trichlorophenol	50.0	51.1	MNR1	ug/L	102%	37 - 144	6050951	05/08/06 07:34
Surrogate: Terphenyl-d14	50.2	43.9			87%	34 - 116	6050951	05/08/06 07:34
Surrogate: 2,4,6-Tribromophenol	50.2	49.9			99%	16 - 130	6050951	05/08/06 07:34
Surrogate: Phenol-d5	50.2	19.8			39%	10 - 66	6050951	05/08/06 07:34
Surrogate: 2-Fluorobiphenyl	50.2	43.6			87%	32 - 99	6050951	05/08/06 07:34
Surrogate: 2-Fluorophenol	50.2	27.9			56%	10 - 81	6050951	05/08/06 07:34
Surrogate: Nitrobenzene-d5	50.2	41.5			83%	19 - 116	6050951	05/08/06 07:34

Volatile Organic Compounds by EPA Method 8260B

6051002-BS1

Acetone	250	253	MNR1	ug/L	101%	28 - 157	6051002	05/08/06 12:00
Benzene	50.0	47.4	MNR1	ug/L	95%	78 - 122	6051002	05/08/06 12:00
Bromobenzene	50.0	49.6	MNR1	ug/L	99%	77 - 122	6051002	05/08/06 12:00
Bromochloromethane	50.0	50.8	MNR1	ug/L	102%	74 - 130	6051002	05/08/06 12:00
Bromodichloromethane	50.0	46.3	MNR1	ug/L	93%	71 - 134	6051002	05/08/06 12:00
Bromoform	50.0	46.7	MNR1	ug/L	93%	44 - 140	6051002	05/08/06 12:00
Bromomethane	50.0	45.5	MNR1	ug/L	91%	49 - 157	6051002	05/08/06 12:00
2-Butanone	250	274	MNR1	ug/L	110%	54 - 151	6051002	05/08/06 12:00
sec-Butylbenzene	50.0	52.6	MNR1	ug/L	105%	75 - 131	6051002	05/08/06 12:00
n-Butylbenzene	50.0	50.3	MNR1	ug/L	101%	69 - 137	6051002	05/08/06 12:00
tert-Butylbenzene	50.0	53.9	MNR1	ug/L	108%	74 - 129	6051002	05/08/06 12:00
Carbon disulfide	50.0	45.3	MNR1	ug/L	91%	64 - 139	6051002	05/08/06 12:00
Carbon Tetrachloride	50.0	49.9	MNR1	ug/L	100%	63 - 140	6051002	05/08/06 12:00
Chlorobenzene	50.0	49.7	MNR1	ug/L	99%	83 - 118	6051002	05/08/06 12:00
Chlorodibromomethane	50.0	50.6	MNR1	ug/L	101%	69 - 128	6051002	05/08/06 12:00
Chloroethane	50.0	48.0	MNR1	ug/L	96%	57 - 142	6051002	05/08/06 12:00
Chloroform	50.0	48.3	MNR1	ug/L	97%	72 - 128	6051002	05/08/06 12:00
Chloromethane	50.0	28.4	MNR1	ug/L	57%	37 - 158	6051002	05/08/06 12:00
2-Chlorotoluene	50.0	51.8	MNR1	ug/L	104%	74 - 131	6051002	05/08/06 12:00

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051002-BS1								
4-Chlorotoluene	50.0	51.6	MNR1	ug/L	103%	77 - 128	6051002	05/08/06 12:00
1,2-Dibromo-3-chloropropane	50.0	51.6	MNR1	ug/L	103%	54 - 130	6051002	05/08/06 12:00
1,2-Dibromoethane (EDB)	50.0	55.4	MNR1	ug/L	111%	76 - 128	6051002	05/08/06 12:00
Dibromomethane	50.0	52.2	MNR1	ug/L	104%	74 - 129	6051002	05/08/06 12:00
1,4-Dichlorobenzene	50.0	46.6	MNR1	ug/L	93%	80 - 119	6051002	05/08/06 12:00
1,3-Dichlorobenzene	50.0	50.2	MNR1	ug/L	100%	81 - 124	6051002	05/08/06 12:00
1,2-Dichlorobenzene	50.0	52.4	MNR1	ug/L	105%	82 - 123	6051002	05/08/06 12:00
Dichlorodifluoromethane	50.0	31.1	MNR1	ug/L	62%	30 - 161	6051002	05/08/06 12:00
1,1-Dichloroethane	50.0	49.2	MNR1	ug/L	98%	72 - 130	6051002	05/08/06 12:00
1,2-Dichloroethane	50.0	50.3	MNR1	ug/L	101%	65 - 137	6051002	05/08/06 12:00
cis-1,2-Dichloroethene	50.0	47.6	MNR1	ug/L	95%	71 - 131	6051002	05/08/06 12:00
1,1-Dichloroethene	50.0	47.3	MNR1	ug/L	95%	68 - 133	6051002	05/08/06 12:00
trans-1,2-Dichloroethene	50.0	48.9	MNR1	ug/L	98%	70 - 132	6051002	05/08/06 12:00
1,3-Dichloropropane	50.0	55.1	MNR1	ug/L	110%	81 - 121	6051002	05/08/06 12:00
1,2-Dichloropropane	50.0	51.8	MNR1	ug/L	104%	76 - 128	6051002	05/08/06 12:00
2,2-Dichloropropane	50.0	34.9	MNR1	ug/L	70%	35 - 159	6051002	05/08/06 12:00
cis-1,3-Dichloropropene	50.0	46.2	MNR1	ug/L	92%	61 - 138	6051002	05/08/06 12:00
trans-1,3-Dichloropropene	50.0	44.5	MNR1	ug/L	89%	57 - 130	6051002	05/08/06 12:00
1,1-Dichloropropene	50.0	49.3	MNR1	ug/L	99%	76 - 127	6051002	05/08/06 12:00
Ethylbenzene	50.0	51.9	MNR1	ug/L	104%	82 - 122	6051002	05/08/06 12:00
Hexachlorobutadiene	50.0	46.6	MNR1	ug/L	93%	66 - 137	6051002	05/08/06 12:00
2-Hexanone	250	255	MNR1	ug/L	102%	63 - 138	6051002	05/08/06 12:00
Isopropylbenzene	50.0	47.0	MNR1	ug/L	94%	75 - 130	6051002	05/08/06 12:00
p-Isopropyltoluene	50.0	46.5	MNR1	ug/L	93%	76 - 133	6051002	05/08/06 12:00
Methyl tert-Butyl Ether	50.0	47.8	MNR1	ug/L	96%	65 - 144	6051002	05/08/06 12:00
Methylene Chloride	50.0	51.3	MNR1	ug/L	103%	74 - 133	6051002	05/08/06 12:00
4-Methyl-2-pentanone	250	267	MNR1	ug/L	107%	74 - 132	6051002	05/08/06 12:00
Naphthalene	50.0	60.4	MNR1	ug/L	121%	64 - 144	6051002	05/08/06 12:00
n-Propylbenzene	50.0	49.2	MNR1	ug/L	98%	76 - 129	6051002	05/08/06 12:00
Styrene	50.0	51.4	MNR1	ug/L	103%	76 - 130	6051002	05/08/06 12:00
1,1,1,2-Tetrachloroethane	50.0	54.1	MNR1	ug/L	108%	77 - 128	6051002	05/08/06 12:00
1,1,2,2-Tetrachloroethane	50.0	52.2	MNR1	ug/L	104%	70 - 129	6051002	05/08/06 12:00
Tetrachloroethene	50.0	50.1	MNR1	ug/L	100%	77 - 124	6051002	05/08/06 12:00
Toluene	50.0	50.7	MNR1, B	ug/L	101%	80 - 120	6051002	05/08/06 12:00
1,2,3-Trichlorobenzene	50.0	67.2	MNR1, B	ug/L	134%	69 - 140	6051002	05/08/06 12:00
1,2,4-Trichlorobenzene	50.0	56.0	MNR1	ug/L	112%	68 - 135	6051002	05/08/06 12:00
1,1,2-Trichloroethane	50.0	53.1	MNR1	ug/L	106%	83 - 120	6051002	05/08/06 12:00
1,1,1-Trichloroethane	50.0	48.3	MNR1	ug/L	97%	68 - 135	6051002	05/08/06 12:00
Trichloroethene	50.0	47.9	MNR1	ug/L	96%	72 - 135	6051002	05/08/06 12:00
Trichlorofluoromethane	50.0	39.3	MNR1	ug/L	79%	57 - 142	6051002	05/08/06 12:00
1,2,3-Trichloropropane	50.0	50.0	MNR1	ug/L	100%	68 - 129	6051002	05/08/06 12:00

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051002-BS1								
1,3,5-Trimethylbenzene	50.0	52.7	MNR1	ug/L	105%	78 - 129	6051002	05/08/06 12:00
1,2,4-Trimethylbenzene	50.0	53.2	MNR1	ug/L	106%	78 - 126	6051002	05/08/06 12:00
Vinyl chloride	50.0	39.6	MNR1	ug/L	79%	52 - 143	6051002	05/08/06 12:00
Xylenes, total	150	159	MNR1	ug/L	106%	81 - 125	6051002	05/08/06 12:00
Diisopropyl Ether	50.0	45.7	MNR1	ug/L	91%	71 - 134	6051002	05/08/06 12:00
Surrogate: 1,2-Dichloroethane-d4	50.0	49.6			99%	70 - 130	6051002	05/08/06 12:00
Surrogate: Dibromofluoromethane	50.0	48.1			96%	79 - 122	6051002	05/08/06 12:00
Surrogate: Toluene-d8	50.0	50.3			101%	78 - 121	6051002	05/08/06 12:00
Surrogate: 4-Bromofluorobenzene	50.0	50.9			102%	78 - 126	6051002	05/08/06 12:00
6051523-BS1								
Acetone	250	267		ug/L	107%	28 - 157	6051523	05/11/06 00:37
Benzene	50.0	53.5		ug/L	107%	78 - 122	6051523	05/11/06 00:37
Bromobenzene	50.0	52.7		ug/L	105%	77 - 122	6051523	05/11/06 00:37
Bromochloromethane	50.0	56.0		ug/L	112%	74 - 130	6051523	05/11/06 00:37
Bromodichloromethane	50.0	51.5		ug/L	103%	71 - 134	6051523	05/11/06 00:37
Bromoforn	50.0	45.6		ug/L	91%	44 - 140	6051523	05/11/06 00:37
Bromomethane	50.0	56.0		ug/L	112%	49 - 157	6051523	05/11/06 00:37
2-Butanone	250	281		ug/L	112%	54 - 151	6051523	05/11/06 00:37
sec-Butylbenzene	50.0	58.7		ug/L	117%	75 - 131	6051523	05/11/06 00:37
n-Butylbenzene	50.0	57.2		ug/L	114%	69 - 137	6051523	05/11/06 00:37
tert-Butylbenzene	50.0	59.1		ug/L	118%	74 - 129	6051523	05/11/06 00:37
Carbon disulfide	50.0	49.8		ug/L	100%	64 - 139	6051523	05/11/06 00:37
Carbon Tetrachloride	50.0	57.9		ug/L	116%	63 - 140	6051523	05/11/06 00:37
Chlorobenzene	50.0	54.8		ug/L	110%	83 - 118	6051523	05/11/06 00:37
Chlorodibromomethane	50.0	50.9		ug/L	102%	69 - 128	6051523	05/11/06 00:37
Chloroethane	50.0	57.0		ug/L	114%	57 - 142	6051523	05/11/06 00:37
Chloroform	50.0	55.1		ug/L	110%	72 - 128	6051523	05/11/06 00:37
Chloromethane	50.0	50.5		ug/L	101%	37 - 158	6051523	05/11/06 00:37
2-Chlorotoluene	50.0	55.6		ug/L	111%	74 - 131	6051523	05/11/06 00:37
4-Chlorotoluene	50.0	56.7		ug/L	113%	77 - 128	6051523	05/11/06 00:37
1,2-Dibromo-3-chloropropane	50.0	48.2		ug/L	96%	54 - 130	6051523	05/11/06 00:37
1,2-Dibromoethane (EDB)	50.0	57.4		ug/L	115%	76 - 128	6051523	05/11/06 00:37
Dibromomethane	50.0	58.3		ug/L	117%	74 - 129	6051523	05/11/06 00:37
1,4-Dichlorobenzene	50.0	50.7		ug/L	101%	80 - 119	6051523	05/11/06 00:37
1,3-Dichlorobenzene	50.0	54.0		ug/L	108%	81 - 124	6051523	05/11/06 00:37
1,2-Dichlorobenzene	50.0	55.2		ug/L	110%	82 - 123	6051523	05/11/06 00:37
Dichlorodifluoromethane	50.0	44.8		ug/L	90%	30 - 161	6051523	05/11/06 00:37
1,1-Dichloroethane	50.0	54.9		ug/L	110%	72 - 130	6051523	05/11/06 00:37
1,2-Dichloroethane	50.0	55.6		ug/L	111%	65 - 137	6051523	05/11/06 00:37
cis-1,2-Dichloroethene	50.0	53.9		ug/L	108%	71 - 131	6051523	05/11/06 00:37
1,1-Dichloroethene	50.0	53.4		ug/L	107%	68 - 133	6051523	05/11/06 00:37

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051523-BS1								
trans-1,2-Dichloroethene	50.0	56.2		ug/L	112%	70 - 132	6051523	05/11/06 00:37
1,3-Dichloropropane	50.0	57.4		ug/L	115%	81 - 121	6051523	05/11/06 00:37
1,2-Dichloropropane	50.0	56.0		ug/L	112%	76 - 128	6051523	05/11/06 00:37
2,2-Dichloropropane	50.0	40.2		ug/L	80%	35 - 159	6051523	05/11/06 00:37
cis-1,3-Dichloropropene	50.0	47.6		ug/L	95%	61 - 138	6051523	05/11/06 00:37
trans-1,3-Dichloropropene	50.0	45.0		ug/L	90%	57 - 130	6051523	05/11/06 00:37
1,1-Dichloropropene	50.0	53.7		ug/L	107%	76 - 127	6051523	05/11/06 00:37
Ethylbenzene	50.0	58.5		ug/L	117%	82 - 122	6051523	05/11/06 00:37
Hexachlorobutadiene	50.0	54.5		ug/L	109%	66 - 137	6051523	05/11/06 00:37
2-Hexanone	250	259		ug/L	104%	63 - 138	6051523	05/11/06 00:37
Isopropylbenzene	50.0	56.8		ug/L	114%	75 - 130	6051523	05/11/06 00:37
p-Isopropyltoluene	50.0	54.0		ug/L	108%	76 - 133	6051523	05/11/06 00:37
Methyl tert-Butyl Ether	50.0	51.6		ug/L	103%	65 - 144	6051523	05/11/06 00:37
Methylene Chloride	50.0	57.3		ug/L	115%	74 - 133	6051523	05/11/06 00:37
4-Methyl-2-pentanone	250	275		ug/L	110%	74 - 132	6051523	05/11/06 00:37
Naphthalene	50.0	60.4		ug/L	121%	64 - 144	6051523	05/11/06 00:37
n-Propylbenzene	50.0	58.2		ug/L	116%	76 - 129	6051523	05/11/06 00:37
Styrene	50.0	55.4		ug/L	111%	76 - 130	6051523	05/11/06 00:37
1,1,1,2-Tetrachloroethane	50.0	57.0		ug/L	114%	77 - 128	6051523	05/11/06 00:37
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L	99%	70 - 129	6051523	05/11/06 00:37
Tetrachloroethene	50.0	55.3		ug/L	111%	77 - 124	6051523	05/11/06 00:37
Toluene	50.0	55.9		ug/L	112%	80 - 120	6051523	05/11/06 00:37
1,2,3-Trichlorobenzene	50.0	70.7	L	ug/L	141%	69 - 140	6051523	05/11/06 00:37
1,2,4-Trichlorobenzene	50.0	60.2		ug/L	120%	68 - 135	6051523	05/11/06 00:37
1,1,2-Trichloroethane	50.0	55.1		ug/L	110%	83 - 120	6051523	05/11/06 00:37
1,1,1-Trichloroethane	50.0	55.3		ug/L	111%	68 - 135	6051523	05/11/06 00:37
Trichloroethene	50.0	64.8		ug/L	130%	72 - 135	6051523	05/11/06 00:37
Trichlorofluoromethane	50.0	52.5		ug/L	105%	57 - 142	6051523	05/11/06 00:37
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	68 - 129	6051523	05/11/06 00:37
1,3,5-Trimethylbenzene	50.0	58.4		ug/L	117%	78 - 129	6051523	05/11/06 00:37
1,2,4-Trimethylbenzene	50.0	58.3		ug/L	117%	78 - 126	6051523	05/11/06 00:37
Vinyl chloride	50.0	48.4		ug/L	97%	52 - 143	6051523	05/11/06 00:37
Xylenes, total	150	180		ug/L	120%	81 - 125	6051523	05/11/06 00:37
Diisopropyl Ether	50.0	52.3		ug/L	105%	71 - 134	6051523	05/11/06 00:37
Surrogate: 1,2-Dichloroethane-d4	50.0	51.9			104%	70 - 130	6051523	05/11/06 00:37
Surrogate: Dibromofluoromethane	50.0	50.3			101%	79 - 122	6051523	05/11/06 00:37
Surrogate: Toluene-d8	50.0	49.8			100%	78 - 121	6051523	05/11/06 00:37
Surrogate: 4-Bromofluorobenzene	50.0	50.3			101%	78 - 126	6051523	05/11/06 00:37
6051564-BS1								
Acetone	250	265	MNR1	ug/L	106%	28 - 157	6051564	05/09/06 11:02
Benzene	50.0	52.4	MNR1	ug/L	105%	78 - 122	6051564	05/09/06 11:02

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051564-BS1								
Bromobenzene	50.0	50.2	MNR1	ug/L	100%	77 - 122	6051564	05/09/06 11:02
Bromochloromethane	50.0	55.0	MNR1	ug/L	110%	74 - 130	6051564	05/09/06 11:02
Bromodichloromethane	50.0	50.0	MNR1	ug/L	100%	71 - 134	6051564	05/09/06 11:02
Bromoforn	50.0	45.4	MNR1	ug/L	91%	44 - 140	6051564	05/09/06 11:02
Bromomethane	50.0	50.0	MNR1	ug/L	100%	49 - 157	6051564	05/09/06 11:02
2-Butanone	250	288	MNR1	ug/L	115%	54 - 151	6051564	05/09/06 11:02
sec-Butylbenzene	50.0	53.1	MNR1	ug/L	106%	75 - 131	6051564	05/09/06 11:02
n-Butylbenzene	50.0	54.4	MNR1	ug/L	109%	69 - 137	6051564	05/09/06 11:02
tert-Butylbenzene	50.0	53.4	MNR1	ug/L	107%	74 - 129	6051564	05/09/06 11:02
Carbon disulfide	50.0	48.2	MNR1	ug/L	96%	64 - 139	6051564	05/09/06 11:02
Carbon Tetrachloride	50.0	51.2	MNR1	ug/L	102%	63 - 140	6051564	05/09/06 11:02
Chlorobenzene	50.0	51.2	MNR1	ug/L	102%	83 - 118	6051564	05/09/06 11:02
Chlorodibromomethane	50.0	50.3	MNR1	ug/L	101%	69 - 128	6051564	05/09/06 11:02
Chloroethane	50.0	48.4	MNR1	ug/L	97%	57 - 142	6051564	05/09/06 11:02
Chloroform	50.0	53.2	MNR1	ug/L	106%	72 - 128	6051564	05/09/06 11:02
Chloromethane	50.0	27.0	MNR1	ug/L	54%	37 - 158	6051564	05/09/06 11:02
2-Chlorotoluene	50.0	52.3	MNR1	ug/L	105%	74 - 131	6051564	05/09/06 11:02
4-Chlorotoluene	50.0	53.6	MNR1	ug/L	107%	77 - 128	6051564	05/09/06 11:02
1,2-Dibromo-3-chloropropane	50.0	48.4	MNR1	ug/L	97%	54 - 130	6051564	05/09/06 11:02
1,2-Dibromoethane (EDB)	50.0	55.7	MNR1	ug/L	111%	76 - 128	6051564	05/09/06 11:02
Dibromomethane	50.0	55.7	MNR1	ug/L	111%	74 - 129	6051564	05/09/06 11:02
1,4-Dichlorobenzene	50.0	48.9	MNR1	ug/L	98%	80 - 119	6051564	05/09/06 11:02
1,3-Dichlorobenzene	50.0	52.6	MNR1	ug/L	105%	81 - 124	6051564	05/09/06 11:02
1,2-Dichlorobenzene	50.0	53.8	MNR1	ug/L	108%	82 - 123	6051564	05/09/06 11:02
Dichlorodifluoromethane	50.0	25.3	MNR1	ug/L	51%	30 - 161	6051564	05/09/06 11:02
1,1-Dichloroethane	50.0	53.0	MNR1	ug/L	106%	72 - 130	6051564	05/09/06 11:02
1,2-Dichloroethane	50.0	55.4	MNR1	ug/L	111%	65 - 137	6051564	05/09/06 11:02
cis-1,2-Dichloroethene	50.0	53.3	MNR1	ug/L	107%	71 - 131	6051564	05/09/06 11:02
1,1-Dichloroethene	50.0	49.0	MNR1	ug/L	98%	68 - 133	6051564	05/09/06 11:02
trans-1,2-Dichloroethene	50.0	53.2	MNR1	ug/L	106%	70 - 132	6051564	05/09/06 11:02
1,3-Dichloropropane	50.0	55.0	MNR1	ug/L	110%	81 - 121	6051564	05/09/06 11:02
1,2-Dichloropropane	50.0	55.0	MNR1	ug/L	110%	76 - 128	6051564	05/09/06 11:02
2,2-Dichloropropane	50.0	52.9	MNR1	ug/L	106%	35 - 159	6051564	05/09/06 11:02
cis-1,3-Dichloropropene	50.0	47.3	MNR1	ug/L	95%	61 - 138	6051564	05/09/06 11:02
trans-1,3-Dichloropropene	50.0	46.3	MNR1	ug/L	93%	57 - 130	6051564	05/09/06 11:02
1,1-Dichloropropene	50.0	52.9	MNR1	ug/L	106%	76 - 127	6051564	05/09/06 11:02
Ethylbenzene	50.0	53.3	MNR1	ug/L	107%	82 - 122	6051564	05/09/06 11:02
Hexachlorobutadiene	50.0	45.2	MNR1	ug/L	90%	66 - 137	6051564	05/09/06 11:02
2-Hexanone	250	247	MNR1	ug/L	99%	63 - 138	6051564	05/09/06 11:02
Isopropylbenzene	50.0	48.1	MNR1	ug/L	96%	75 - 130	6051564	05/09/06 11:02
p-Isopropyltoluene	50.0	47.8	MNR1	ug/L	96%	76 - 133	6051564	05/09/06 11:02

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051564-BS1								
Methyl tert-Butyl Ether	50.0	48.5	MNR1	ug/L	97%	65 - 144	6051564	05/09/06 11:02
Methylene Chloride	50.0	55.3	MNR1	ug/L	111%	74 - 133	6051564	05/09/06 11:02
4-Methyl-2-pentanone	250	258	MNR1	ug/L	103%	74 - 132	6051564	05/09/06 11:02
Naphthalene	50.0	46.7	MNR1	ug/L	93%	64 - 144	6051564	05/09/06 11:02
n-Propylbenzene	50.0	51.8	MNR1	ug/L	104%	76 - 129	6051564	05/09/06 11:02
Styrene	50.0	53.7	MNR1	ug/L	107%	76 - 130	6051564	05/09/06 11:02
1,1,1,2-Tetrachloroethane	50.0	55.1	MNR1	ug/L	110%	77 - 128	6051564	05/09/06 11:02
1,1,2,2-Tetrachloroethane	50.0	53.8	MNR1	ug/L	108%	70 - 129	6051564	05/09/06 11:02
Tetrachloroethene	50.0	50.7	MNR1	ug/L	101%	77 - 124	6051564	05/09/06 11:02
Toluene	50.0	51.4	MNR1	ug/L	103%	80 - 120	6051564	05/09/06 11:02
1,2,3-Trichlorobenzene	50.0	49.9	MNR1, B	ug/L	100%	69 - 140	6051564	05/09/06 11:02
1,2,4-Trichlorobenzene	50.0	53.8	MNR1	ug/L	108%	68 - 135	6051564	05/09/06 11:02
1,1,2-Trichloroethane	50.0	53.8	MNR1	ug/L	108%	83 - 120	6051564	05/09/06 11:02
1,1,1-Trichloroethane	50.0	50.7	MNR1	ug/L	101%	68 - 135	6051564	05/09/06 11:02
Trichloroethene	50.0	48.1	MNR1	ug/L	96%	72 - 135	6051564	05/09/06 11:02
Trichlorofluoromethane	50.0	38.5	MNR1	ug/L	77%	57 - 142	6051564	05/09/06 11:02
1,2,3-Trichloropropane	50.0	49.1	MNR1	ug/L	98%	68 - 129	6051564	05/09/06 11:02
1,3,5-Trimethylbenzene	50.0	54.0	MNR1	ug/L	108%	78 - 129	6051564	05/09/06 11:02
1,2,4-Trimethylbenzene	50.0	55.6	MNR1	ug/L	111%	78 - 126	6051564	05/09/06 11:02
Vinyl chloride	50.0	35.4	MNR1	ug/L	71%	52 - 143	6051564	05/09/06 11:02
Xylenes, total	150	166	MNR1	ug/L	111%	81 - 125	6051564	05/09/06 11:02
Diisopropyl Ether	50.0	48.8	MNR1	ug/L	98%	71 - 134	6051564	05/09/06 11:02
Surrogate: 1,2-Dichloroethane-d4	50.0	54.7			109%	70 - 130	6051564	05/09/06 11:02
Surrogate: Dibromofluoromethane	50.0	52.3			105%	79 - 122	6051564	05/09/06 11:02
Surrogate: Toluene-d8	50.0	50.0			100%	78 - 121	6051564	05/09/06 11:02
Surrogate: 4-Bromofluorobenzene	50.0	50.0			100%	78 - 126	6051564	05/09/06 11:02
6051810-BS1								
Acetone	250	294	MNR1	ug/L	118%	28 - 157	6051810	05/09/06 12:43
Benzene	50.0	54.3	MNR1	ug/L	109%	78 - 122	6051810	05/09/06 12:43
Bromobenzene	50.0	47.8	MNR1	ug/L	96%	77 - 122	6051810	05/09/06 12:43
Bromochloromethane	50.0	57.1	MNR1	ug/L	114%	74 - 130	6051810	05/09/06 12:43
Bromodichloromethane	50.0	53.1	MNR1	ug/L	106%	71 - 134	6051810	05/09/06 12:43
Bromoform	50.0	44.2	MNR1	ug/L	88%	44 - 140	6051810	05/09/06 12:43
Bromomethane	50.0	55.1	MNR1	ug/L	110%	49 - 157	6051810	05/09/06 12:43
2-Butanone	250	320	MNR1	ug/L	128%	54 - 151	6051810	05/09/06 12:43
sec-Butylbenzene	50.0	52.2	MNR1	ug/L	104%	75 - 131	6051810	05/09/06 12:43
n-Butylbenzene	50.0	54.1	MNR1	ug/L	108%	69 - 137	6051810	05/09/06 12:43
tert-Butylbenzene	50.0	52.3	MNR1	ug/L	105%	74 - 129	6051810	05/09/06 12:43
Carbon disulfide	50.0	52.3	MNR1	ug/L	105%	64 - 139	6051810	05/09/06 12:43
Carbon Tetrachloride	50.0	56.7	MNR1	ug/L	113%	63 - 140	6051810	05/09/06 12:43
Chlorobenzene	50.0	48.3	MNR1	ug/L	97%	83 - 118	6051810	05/09/06 12:43

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051810-BS1								
Chlorodibromomethane	50.0	48.0	MNR1	ug/L	96%	69 - 128	6051810	05/09/06 12:43
Chloroethane	50.0	52.1	MNR1	ug/L	104%	57 - 142	6051810	05/09/06 12:43
Chloroform	50.0	55.4	MNR1	ug/L	111%	72 - 128	6051810	05/09/06 12:43
Chloromethane	50.0	32.1	MNR1	ug/L	64%	37 - 158	6051810	05/09/06 12:43
2-Chlorotoluene	50.0	50.0	MNR1	ug/L	100%	74 - 131	6051810	05/09/06 12:43
4-Chlorotoluene	50.0	50.8	MNR1	ug/L	102%	77 - 128	6051810	05/09/06 12:43
1,2-Dibromo-o-3-chloropropane	50.0	49.8	MNR1	ug/L	100%	54 - 130	6051810	05/09/06 12:43
1,2-Dibromoethane (EDB)	50.0	52.8	MNR1	ug/L	106%	76 - 128	6051810	05/09/06 12:43
Dibromomethane	50.0	59.6	MNR1	ug/L	119%	74 - 129	6051810	05/09/06 12:43
1,4-Dichlorobenzene	50.0	46.7	MNR1	ug/L	93%	80 - 119	6051810	05/09/06 12:43
1,3-Dichlorobenzene	50.0	50.2	MNR1	ug/L	100%	81 - 124	6051810	05/09/06 12:43
1,2-Dichlorobenzene	50.0	51.9	MNR1	ug/L	104%	82 - 123	6051810	05/09/06 12:43
Dichlorodifluoromethane	50.0	29.6	MNR1	ug/L	59%	30 - 161	6051810	05/09/06 12:43
1,1-Dichloroethane	50.0	55.5	MNR1	ug/L	111%	72 - 130	6051810	05/09/06 12:43
1,2-Dichloroethane	50.0	57.6	MNR1	ug/L	115%	65 - 137	6051810	05/09/06 12:43
cis-1,2-Dichloroethene	50.0	55.8	MNR1	ug/L	112%	71 - 131	6051810	05/09/06 12:43
1,1-Dichloroethene	50.0	54.6	MNR1	ug/L	109%	68 - 133	6051810	05/09/06 12:43
trans-1,2-Dichloroethene	50.0	56.1	MNR1	ug/L	112%	70 - 132	6051810	05/09/06 12:43
1,3-Dichloropropane	50.0	51.4	MNR1	ug/L	103%	81 - 121	6051810	05/09/06 12:43
1,2-Dichloropropane	50.0	58.8	MNR1	ug/L	118%	76 - 128	6051810	05/09/06 12:43
2,2-Dichloropropane	50.0	55.7	MNR1	ug/L	111%	35 - 159	6051810	05/09/06 12:43
cis-1,3-Dichloropropene	50.0	46.1	MNR1	ug/L	92%	61 - 138	6051810	05/09/06 12:43
trans-1,3-Dichloropropene	50.0	44.5	MNR1	ug/L	89%	57 - 130	6051810	05/09/06 12:43
1,1-Dichloropropene	50.0	57.0	MNR1	ug/L	114%	76 - 127	6051810	05/09/06 12:43
Ethylbenzene	50.0	50.6	MNR1	ug/L	101%	82 - 122	6051810	05/09/06 12:43
Hexachlorobutadiene	50.0	49.8	MNR1	ug/L	100%	66 - 137	6051810	05/09/06 12:43
2-Hexanone	250	244	MNR1	ug/L	98%	63 - 138	6051810	05/09/06 12:43
Isopropylbenzene	50.0	46.1	MNR1	ug/L	92%	75 - 130	6051810	05/09/06 12:43
p-Isopropyltoluene	50.0	47.3	MNR1	ug/L	95%	76 - 133	6051810	05/09/06 12:43
Methyl tert-Butyl Ether	50.0	53.6	MNR1	ug/L	107%	65 - 144	6051810	05/09/06 12:43
Methylene Chloride	50.0	58.9	MNR1	ug/L	118%	74 - 133	6051810	05/09/06 12:43
4-Methyl-2-pentanone	250	253	MNR1	ug/L	101%	74 - 132	6051810	05/09/06 12:43
Naphthalene	50.0	56.6	MNR1	ug/L	113%	64 - 144	6051810	05/09/06 12:43
n-Propylbenzene	50.0	48.5	MNR1	ug/L	97%	76 - 129	6051810	05/09/06 12:43
Styrene	50.0	50.8	MNR1	ug/L	102%	76 - 130	6051810	05/09/06 12:43
1,1,1,2-Tetrachloroethane	50.0	52.0	MNR1	ug/L	104%	77 - 128	6051810	05/09/06 12:43
1,1,2,2-Tetrachloroethane	50.0	52.0	MNR1	ug/L	104%	70 - 129	6051810	05/09/06 12:43
Tetrachloroethene	50.0	48.3	MNR1	ug/L	97%	77 - 124	6051810	05/09/06 12:43
Toluene	50.0	49.0	MNR1	ug/L	98%	80 - 120	6051810	05/09/06 12:43
1,2,3-Trichlorobenzene	50.0	63.5	MNR1	ug/L	127%	69 - 140	6051810	05/09/06 12:43
1,2,4-Trichlorobenzene	50.0	57.2	MNR1	ug/L	114%	68 - 135	6051810	05/09/06 12:43

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6051810-BS1								
1,1,2-Trichloroethane	50.0	50.7	MNR1	ug/L	101%	83 - 120	6051810	05/09/06 12:43
1,1,1-Trichloroethane	50.0	55.0	MNR1	ug/L	110%	68 - 135	6051810	05/09/06 12:43
Trichloroethene	50.0	52.2	MNR1	ug/L	104%	72 - 135	6051810	05/09/06 12:43
Trichlorofluoromethane	50.0	43.1	MNR1	ug/L	86%	57 - 142	6051810	05/09/06 12:43
1,2,3-Trichloropropane	50.0	47.0	MNR1	ug/L	94%	68 - 129	6051810	05/09/06 12:43
1,3,5-Trimethylbenzene	50.0	52.2	MNR1	ug/L	104%	78 - 129	6051810	05/09/06 12:43
1,2,4-Trimethylbenzene	50.0	52.9	MNR1	ug/L	106%	78 - 126	6051810	05/09/06 12:43
Vinyl chloride	50.0	39.6	MNR1	ug/L	79%	52 - 143	6051810	05/09/06 12:43
Xylenes, total	150	158	MNR1	ug/L	105%	81 - 125	6051810	05/09/06 12:43
Diisopropyl Ether	50.0	52.7	MNR1	ug/L	105%	71 - 134	6051810	05/09/06 12:43
Surrogate: 1,2-Dichloroethane-d4	50.0	58.0			116%	70 - 130	6051810	05/09/06 12:43
Surrogate: Dibromofluoromethane	50.0	57.3			115%	79 - 122	6051810	05/09/06 12:43
Surrogate: Toluene-d8	50.0	49.5			99%	78 - 121	6051810	05/09/06 12:43
Surrogate: 4-Bromofluorobenzene	50.0	49.8			100%	78 - 126	6051810	05/09/06 12:43

Volatile Organic Compounds by SM 6210D

6051403-BS1								
Benzene	50.0	53.4		ug/L	107%	70 - 130	6051403	05/10/06 12:46
Bromobenzene	50.0	55.9		ug/L	112%	70 - 130	6051403	05/10/06 12:46
Bromochloromethane	50.0	52.2		ug/L	104%	70 - 130	6051403	05/10/06 12:46
Bromodichloromethane	50.0	53.3		ug/L	107%	70 - 130	6051403	05/10/06 12:46
Bromoforn	50.0	40.0		ug/L	80%	70 - 130	6051403	05/10/06 12:46
Bromomethane	50.0	50.8		ug/L	102%	60 - 140	6051403	05/10/06 12:46
n-Butylbenzene	50.0	53.3		ug/L	107%	70 - 130	6051403	05/10/06 12:46
tert-Butylbenzene	50.0	51.2		ug/L	102%	70 - 130	6051403	05/10/06 12:46
sec-Butylbenzene	50.0	51.2		ug/L	102%	70 - 130	6051403	05/10/06 12:46
Carbon disulfide	50.0	47.8		ug/L	96%	70 - 130	6051403	05/10/06 12:46
Carbon Tetrachloride	50.0	56.0		ug/L	112%	70 - 130	6051403	05/10/06 12:46
Chlorobenzene	50.0	52.2		ug/L	104%	70 - 130	6051403	05/10/06 12:46
Chlorodibromomethane	50.0	47.0		ug/L	94%	70 - 130	6051403	05/10/06 12:46
Chloroethane	50.0	46.2		ug/L	92%	60 - 140	6051403	05/10/06 12:46
Chloroform	50.0	50.8		ug/L	102%	70 - 130	6051403	05/10/06 12:46
Chloromethane	50.0	38.2		ug/L	76%	60 - 140	6051403	05/10/06 12:46
4-Chlorotoluene	50.0	56.6		ug/L	113%	70 - 130	6051403	05/10/06 12:46
2-Chlorotoluene	50.0	56.9		ug/L	114%	70 - 130	6051403	05/10/06 12:46
1,2-Dibromo-3-chloropropane	50.0	44.6		ug/L	89%	70 - 130	6051403	05/10/06 12:46
1,2-Dibromoethane (EDB)	50.0	55.1		ug/L	110%	70 - 130	6051403	05/10/06 12:46
Dibromomethane	50.0	54.5		ug/L	109%	70 - 130	6051403	05/10/06 12:46
1,4-Dichlorobenzene	50.0	51.9		ug/L	104%	70 - 130	6051403	05/10/06 12:46
1,2-Dichlorobenzene	50.0	54.5		ug/L	109%	70 - 130	6051403	05/10/06 12:46
1,3-Dichlorobenzene	50.0	55.2		ug/L	110%	70 - 130	6051403	05/10/06 12:46

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by SM 6210D								
6051403-BS1								
Dichlorodifluoromethane	50.0	40.7		ug/L	81%	60 - 140	6051403	05/10/06 12:46
1,1-Dichloroethane	50.0	51.1		ug/L	102%	70 - 130	6051403	05/10/06 12:46
1,2-Dichloroethane	50.0	54.2		ug/L	108%	70 - 130	6051403	05/10/06 12:46
trans-1,2-Dichloroethene	50.0	52.4		ug/L	105%	70 - 130	6051403	05/10/06 12:46
1,1-Dichloroethene	50.0	50.4		ug/L	101%	70 - 130	6051403	05/10/06 12:46
cis-1,2-Dichloroethene	50.0	53.2		ug/L	106%	70 - 130	6051403	05/10/06 12:46
1,2-Dichloropropane	50.0	50.0		ug/L	100%	70 - 130	6051403	05/10/06 12:46
1,3-Dichloropropane	50.0	53.4		ug/L	107%	70 - 130	6051403	05/10/06 12:46
2,2-Dichloropropane	50.0	60.2		ug/L	120%	70 - 130	6051403	05/10/06 12:46
trans-1,3-Dichloropropene	50.0	48.0		ug/L	96%	70 - 130	6051403	05/10/06 12:46
cis-1,3-Dichloropropene	50.0	49.8		ug/L	100%	70 - 130	6051403	05/10/06 12:46
1,1-Dichloropropene	50.0	56.8		ug/L	114%	70 - 130	6051403	05/10/06 12:46
Ethylbenzene	50.0	54.9		ug/L	110%	70 - 130	6051403	05/10/06 12:46
Hexachlorobutadiene	50.0	55.6		ug/L	111%	70 - 130	6051403	05/10/06 12:46
Isopropylbenzene	50.0	47.2		ug/L	94%	70 - 130	6051403	05/10/06 12:46
p-Isopropyltoluene	50.0	50.2		ug/L	100%	70 - 130	6051403	05/10/06 12:46
Methylene Chloride	50.0	48.4		ug/L	97%	70 - 130	6051403	05/10/06 12:46
Naphthalene	50.0	48.2		ug/L	96%	70 - 130	6051403	05/10/06 12:46
n-Propylbenzene	50.0	58.1		ug/L	116%	70 - 130	6051403	05/10/06 12:46
Styrene	50.0	50.9		ug/L	102%	70 - 130	6051403	05/10/06 12:46
1,1,2,2-Tetrachloroethane	50.0	50.0		ug/L	100%	70 - 130	6051403	05/10/06 12:46
1,1,1,2-Tetrachloroethane	50.0	49.8		ug/L	100%	70 - 130	6051403	05/10/06 12:46
Tetrachloroethene	50.0	53.9		ug/L	108%	70 - 130	6051403	05/10/06 12:46
Toluene	50.0	52.8		ug/L	106%	70 - 130	6051403	05/10/06 12:46
1,2,3-Trichlorobenzene	50.0	48.9		ug/L	98%	70 - 130	6051403	05/10/06 12:46
1,2,4-Trichlorobenzene	50.0	51.0		ug/L	102%	70 - 130	6051403	05/10/06 12:46
1,1,2-Trichloroethane	50.0	53.6		ug/L	107%	70 - 130	6051403	05/10/06 12:46
1,1,1-Trichloroethane	50.0	52.8		ug/L	106%	70 - 130	6051403	05/10/06 12:46
Trichloroethene	50.0	56.3		ug/L	113%	70 - 130	6051403	05/10/06 12:46
Trichlorofluoromethane	50.0	44.7		ug/L	89%	60 - 140	6051403	05/10/06 12:46
1,2,3-Trichloropropane	50.0	68.5	L	ug/L	137%	70 - 130	6051403	05/10/06 12:46
1,3,5-Trimethylbenzene	50.0	52.1		ug/L	104%	70 - 130	6051403	05/10/06 12:46
1,2,4-Trimethylbenzene	50.0	51.6		ug/L	103%	70 - 130	6051403	05/10/06 12:46
Vinyl chloride	50.0	46.1		ug/L	92%	60 - 140	6051403	05/10/06 12:46
Xylenes, total	150	159		ug/L	106%	70 - 130	6051403	05/10/06 12:46
Methyl tert-Butyl Ether	50.0	47.9		ug/L	96%	70 - 130	6051403	05/10/06 12:46
Diisopropyl Ether	50.0	46.2		ug/L	92%	70 - 130	6051403	05/10/06 12:46
Surrogate: 1,2-Dichloroethane-d4	25.0	23.1			92%	72 - 130	6051403	05/10/06 12:46
Surrogate: Dibromofluoromethane	25.0	21.6			86%	82 - 120	6051403	05/10/06 12:46
Surrogate: Toluene-d8	25.0	21.7			87%	81 - 117	6051403	05/10/06 12:46
Surrogate: 4-Bromofluorobenzene	25.0	22.7			91%	81 - 122	6051403	05/10/06 12:46

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C								
6051264-BS1								
Acenaphthene	50.0	34.8	MNR1	ug/L	70%	46 - 108	6051264	05/07/06 22:15
Acenaphthylene	50.0	37.8	MNR1	ug/L	76%	47 - 110	6051264	05/07/06 22:15
Anthracene	50.0	43.3	MNR1	ug/L	87%	54 - 123	6051264	05/07/06 22:15
Benzo (a) anthracene	50.0	43.4	MNR1	ug/L	87%	55 - 117	6051264	05/07/06 22:15
Benzo (a) pyrene	50.0	44.3	MNR1	ug/L	89%	54 - 124	6051264	05/07/06 22:15
Benzo (b) fluoranthene	50.0	40.3	MNR1	ug/L	81%	49 - 126	6051264	05/07/06 22:15
Benzo (g,h,i) perylene	50.0	41.0	MNR1	ug/L	82%	42 - 131	6051264	05/07/06 22:15
Benzo (k) fluoranthene	50.0	45.9	MNR1	ug/L	92%	51 - 128	6051264	05/07/06 22:15
4-Bromophenyl phenyl ether	50.0	36.6	MNR1	ug/L	73%	46 - 103	6051264	05/07/06 22:15
Butyl benzyl phthalate	50.0	43.2	MNR1	ug/L	86%	50 - 128	6051264	05/07/06 22:15
Carbazole	50.0	40.1	MNR1	ug/L	80%	58 - 119	6051264	05/07/06 22:15
4-Chloro-3-methylphenol	50.0	35.3	MNR1	ug/L	71%	28 - 99	6051264	05/07/06 22:15
4-Chloroaniline	50.0	36.7	MNR1	ug/L	73%	36 - 108	6051264	05/07/06 22:15
Bis(2-chloroethoxy)methane	50.0	38.7	MNR1	ug/L	77%	46 - 112	6051264	05/07/06 22:15
Bis(2-chloroethyl)ether	50.0	34.9	MNR1	ug/L	70%	42 - 105	6051264	05/07/06 22:15
Bis(2-chloroisopropyl)ether	50.0	34.7	MNR1	ug/L	69%	44 - 104	6051264	05/07/06 22:15
2-Chloronaphthalene	50.0	31.0	MNR1	ug/L	62%	41 - 105	6051264	05/07/06 22:15
2-Chlorophenol	50.0	31.4	MNR1	ug/L	63%	18 - 104	6051264	05/07/06 22:15
4-Chlorophenyl phenyl ether	50.0	40.7	MNR1	ug/L	81%	48 - 108	6051264	05/07/06 22:15
Chrysene	50.0	42.6	MNR1	ug/L	85%	54 - 118	6051264	05/07/06 22:15
Dibenz (a,h) anthracene	50.0	41.6	MNR1	ug/L	83%	44 - 131	6051264	05/07/06 22:15
Dibenzofuran	50.0	37.9	MNR1	ug/L	76%	49 - 111	6051264	05/07/06 22:15
Di-n-butyl phthalate	50.0	41.2	MNR1	ug/L	82%	56 - 115	6051264	05/07/06 22:15
1,4-Dichlorobenzene	50.0	28.0	MNR1	ug/L	56%	32 - 87	6051264	05/07/06 22:15
1,2-Dichlorobenzene	50.5	28.7	MNR1	ug/L	57%	35 - 92	6051264	05/07/06 22:15
1,3-Dichlorobenzene	50.0	28.2	MNR1	ug/L	56%	32 - 89	6051264	05/07/06 22:15
3,3'-Dichlorobenzidine	50.0	37.4	MNR1	ug/L	75%	36 - 122	6051264	05/07/06 22:15
2,4-Dichlorophenol	50.0	38.8	MNR1	ug/L	78%	23 - 112	6051264	05/07/06 22:15
Diethyl phthalate	50.0	46.6	MNR1	ug/L	93%	54 - 110	6051264	05/07/06 22:15
2,4-Dimethylphenol	50.0	19.6	MNR1	ug/L	39%	10 - 114	6051264	05/07/06 22:15
Dimethyl phthalate	50.0	44.7	MNR1	ug/L	89%	54 - 111	6051264	05/07/06 22:15
4,6-Dinitro-2-methylphenol	50.0	40.3	MNR1	ug/L	81%	32 - 118	6051264	05/07/06 22:15
2,4-Dinitrophenol	50.0	50.4	MNR1	ug/L	101%	55 - 117	6051264	05/07/06 22:15
2,6-Dinitrotoluene	50.0	46.3	MNR1	ug/L	93%	56 - 121	6051264	05/07/06 22:15
2,4-Dinitrotoluene	50.0	43.4	MNR1	ug/L	87%	53 - 119	6051264	05/07/06 22:15
Di-n-octyl phthalate	50.0	43.0	MNR1	ug/L	86%	26 - 138	6051264	05/07/06 22:15
Bis(2-ethylhexyl)phthalate	50.0	41.4	MNR1	ug/L	83%	31 - 144	6051264	05/07/06 22:15
Fluoranthene	50.0	43.1	MNR1	ug/L	86%	57 - 117	6051264	05/07/06 22:15
Fluorene	50.0	41.1	MNR1	ug/L	82%	51 - 111	6051264	05/07/06 22:15
Hexachlorobenzene	50.0	43.4	MNR1	ug/L	87%	50 - 124	6051264	05/07/06 22:15
Hexachlorobutadiene	50.0	34.0	MNR1	ug/L	68%	31 - 102	6051264	05/07/06 22:15

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C								
6051264-BS1								
Hexachlorocyclopentadiene	50.0	29.4	MNR1	ug/L	59%	10 - 102	6051264	05/07/06 22:15
Hexachloroethane	50.0	26.7	MNR1	ug/L	53%	28 - 88	6051264	05/07/06 22:15
Indeno (1,2,3-cd) pyrene	50.0	40.8	MNR1	ug/L	82%	44 - 132	6051264	05/07/06 22:15
Isophorone	50.0	39.2	MNR1	ug/L	78%	44 - 107	6051264	05/07/06 22:15
2-Methylnaphthalene	50.0	32.1	MNR1	ug/L	64%	34 - 110	6051264	05/07/06 22:15
2-Methylphenol	50.0	28.0	MNR1	ug/L	56%	15 - 90	6051264	05/07/06 22:15
Naphthalene	50.0	29.7	MNR1	ug/L	59%	38 - 95	6051264	05/07/06 22:15
3/4-Methylphenol	50.0	27.3	MNR1	ug/L	55%	4 - 99	6051264	05/07/06 22:15
3-Nitroaniline	50.0	39.6	MNR1	ug/L	79%	51 - 117	6051264	05/07/06 22:15
2-Nitroaniline	50.0	40.4	MNR1	ug/L	81%	53 - 116	6051264	05/07/06 22:15
4-Nitroaniline	50.0	38.8	MNR1	ug/L	78%	50 - 115	6051264	05/07/06 22:15
Nitrobenzene	50.0	35.6	MNR1	ug/L	71%	44 - 104	6051264	05/07/06 22:15
4-Nitrophenol	50.0	16.8	MNR1	ug/L	34%	1 - 79	6051264	05/07/06 22:15
2-Nitrophenol	50.0	37.8	MNR1	ug/L	76%	25 - 114	6051264	05/07/06 22:15
N-Nitrosodiphenylamine	50.0	56.8	L, MNR1	ug/L	114%	51 - 111	6051264	05/07/06 22:15
N-Nitrosodi-n-propylamine	50.0	36.5	MNR1	ug/L	73%	45 - 104	6051264	05/07/06 22:15
Pentachlorophenol	50.0	49.9	MNR1	ug/L	100%	32 - 133	6051264	05/07/06 22:15
Phenanthrene	50.0	39.5	MNR1	ug/L	79%	55 - 113	6051264	05/07/06 22:15
Phenol	50.0	14.5	MNR1	ug/L	29%	18 - 50	6051264	05/07/06 22:15
Pyrene	50.0	44.3	MNR1	ug/L	89%	57 - 117	6051264	05/07/06 22:15
1,2,4-Trichlorobenzene	50.0	30.1	MNR1	ug/L	60%	32 - 92	6051264	05/07/06 22:15
1-Methylnaphthalene	50.5	30.8	MNR1	ug/L	61%	39 - 109	6051264	05/07/06 22:15
2,4,6-Trichlorophenol	50.0	42.5	MNR1	ug/L	85%	36 - 115	6051264	05/07/06 22:15
2,4,5-Trichlorophenol	50.0	41.7	MNR1	ug/L	83%	40 - 121	6051264	05/07/06 22:15
Surrogate: Terphenyl-d14	50.2	37.0			74%	31 - 111	6051264	05/07/06 22:15
Surrogate: 2,4,6-Tribromophenol	50.2	43.0			86%	32 - 118	6051264	05/07/06 22:15
Surrogate: Phenol-d5	50.2	12.6			25%	10 - 48	6051264	05/07/06 22:15
Surrogate: 2-Fluorobiphenyl	50.2	37.9			75%	33 - 101	6051264	05/07/06 22:15
Surrogate: 2-Fluorophenol	50.2	18.6			37%	10 - 64	6051264	05/07/06 22:15
Surrogate: Nitrobenzene-d5	50.2	35.4			71%	31 - 112	6051264	05/07/06 22:15

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
MADEP VPH												
6051229-BSD1												
Methyl tert-Butyl Ether		42.0		ug/L	50.0	84%	70 - 130	2	25	6051229		05/08/06 06:49
Benzene		50.7		ug/L	50.0	101%	70 - 130	3	25	6051229		05/08/06 06:49
Toluene		49.8		ug/L	50.0	100%	70 - 130	4	25	6051229		05/08/06 06:49
Ethylbenzene		53.5		ug/L	50.0	107%	70 - 130	5	25	6051229		05/08/06 06:49
m,p-Xylene		103		ug/L	100	103%	70 - 130	7	25	6051229		05/08/06 06:49
o-Xylene		49.8		ug/L	50.0	100%	70 - 130	5	25	6051229		05/08/06 06:49
Naphthalene		47.7		ug/L	50.0	95%	70 - 130	5	25	6051229		05/08/06 06:49
C5 - C8 Aliphatic Hydrocarbons, Unadjusted		159		ug/L	150	106%	70 - 130	19	25	6051229		05/08/06 06:49
C9 - C12 Aliphatic Hydrocarbons, Unadjusted		83.1		ug/L	100	83%	70 - 130	19	25	6051229		05/08/06 06:49
C9 - C10 Aromatic Hydrocarbons		47.5		ug/L	50.0	95%	70 - 130	5	25	6051229		05/08/06 06:49
Surrogate: 2,5-Dibromotoluene (FID)		74.8		ug/L	90.0	83%	70 - 130			6051229		05/08/06 06:49
Surrogate: 2,5-Dibromotoluene (PID)		74.6		ug/L	90.0	83%	70 - 130			6051229		05/08/06 06:49
6051976-BSD1												
Methyl tert-Butyl Ether		42.0		ug/L	50.0	84%	70 - 130	2	25	6051976		05/08/06 06:49
Benzene		50.7		ug/L	50.0	101%	70 - 130	3	25	6051976		05/08/06 06:49
Toluene		49.8		ug/L	50.0	100%	70 - 130	4	25	6051976		05/08/06 06:49
Ethylbenzene		53.5		ug/L	50.0	107%	70 - 130	5	25	6051976		05/08/06 06:49
m,p-Xylene		103		ug/L	100	103%	70 - 130	7	25	6051976		05/08/06 06:49
o-Xylene		49.8		ug/L	50.0	100%	70 - 130	5	25	6051976		05/08/06 06:49
Naphthalene		47.7		ug/L	50.0	95%	70 - 130	5	25	6051976		05/08/06 06:49
C5 - C8 Aliphatic Hydrocarbons, Unadjusted		159		ug/L	150	106%	70 - 130	19	25	6051976		05/08/06 06:49
C9 - C12 Aliphatic Hydrocarbons, Unadjusted		83.1		ug/L	100	83%	70 - 130	19	25	6051976		05/08/06 06:49
C9 - C10 Aromatic Hydrocarbons		47.5		ug/L	50.0	95%	70 - 130	5	25	6051976		05/08/06 06:49
Surrogate: 2,5-Dibromotoluene (FID)		74.8		ug/L	90.0	83%	70 - 130			6051976		05/08/06 06:49
Surrogate: 2,5-Dibromotoluene (PID)		74.6		ug/L	90.0	83%	70 - 130			6051976		05/08/06 06:49
MADEP EPH												
6050949-BSD1												
C9 - C18 Aliphatic Hydrocarbons		58.8	L2, S10	ug/L	150	39%	40 - 140	4	25	6050949		05/10/06 04:16
C19 - C36 Aliphatic Hydrocarbons		148		ug/L	200	74%	40 - 140	4	25	6050949		05/10/06 04:16
C11 - C22 Aromatic Hydrocarbons		264	R2	ug/L	425	62%	40 - 140	32	25	6050949		05/10/06 04:16
C11 - C22 Aromatic Hydrocarbons, Unadjusted		264	R2, S10	ug/L	425	62%	40 - 140	32	25	6050949		05/10/06 04:43
2-Methylnaphthalene		12.9	R2	ug/L	25.0	52%	40 - 140	29	25	6050949		05/10/06 04:43
Acenaphthene		14.9	R2	ug/L	25.0	60%	40 - 140	30	25	6050949		05/10/06 04:43
Acenaphthylene		14.8	R2	ug/L	25.0	59%	40 - 140	30	25	6050949		05/10/06 04:43
Anthracene		16.9	R2	ug/L	25.0	68%	40 - 140	33	25	6050949		05/10/06 04:43
Benzo (a) anthracene		15.4	R2	ug/L	25.0	62%	40 - 140	39	25	6050949		05/10/06 04:43
Benzo (a) pyrene		16.0	R2	ug/L	25.0	64%	40 - 140	32	25	6050949		05/10/06 04:16
Benzo (b) fluoranthene		15.7	R2	ug/L	25.0	63%	40 - 140	40	25	6050949		05/10/06 04:43
Benzo (g,h,i) perylene		15.0	R2	ug/L	25.0	60%	40 - 140	31	25	6050949		05/10/06 04:43

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
MADEP EPH												
6050949-BSD1												
Benzo (k) fluoranthene		16.2	R2	ug/L	25.0	65%	40 - 140	26	25	6050949		05/10/06 04:43
Chrysene		16.5	R2	ug/L	25.0	66%	40 - 140	29	25	6050949		05/10/06 04:43
Dibenz (a,h) anthracene		14.5	R2	ug/L	25.0	58%	40 - 140	36	25	6050949		05/10/06 04:43
Fluoranthene		16.5	R2	ug/L	25.0	66%	40 - 140	32	25	6050949		05/10/06 04:43
Fluorene		15.7	R2	ug/L	25.0	63%	40 - 140	33	25	6050949		05/10/06 04:43
Indeno (1,2,3-cd) pyrene		13.8	R2	ug/L	25.0	55%	40 - 140	31	25	6050949		05/10/06 04:43
Naphthalene		13.6	R2	ug/L	25.0	54%	40 - 140	29	25	6050949		05/10/06 04:43
Phenanthrene		16.1	R2	ug/L	25.0	64%	40 - 140	34	25	6050949		05/10/06 04:43
Pyrene		16.8	R2	ug/L	25.0	67%	40 - 140	33	25	6050949		05/10/06 04:43
Surrogate: 1-Chlorooctadecane		9.34		ug/L	20.0	47%	40 - 140			6050949		05/10/06 04:16
Surrogate: o-Terphenyl		11.7		ug/L	20.0	58%	40 - 140			6050949		05/10/06 04:43
Surrogate: 2-Bromonaphthalene		37.8		ug/L	40.0	94%	40 - 140			6050949		05/10/06 04:43
Surrogate: 2-Fluorobiphenyl		37.4		ug/L	40.0	94%	40 - 140			6050949		05/10/06 04:43

Total Metals by EPA Method 6010B

6050889-BSD1

Antimony	0.105		mg/L	0.100	105%	80 - 120	2	20	6050889		05/08/06 19:28
Arsenic	0.0565		mg/L	0.0500	113%	80 - 120	2	20	6050889		05/08/06 19:28
Beryllium	0.0579		mg/L	0.0500	116%	80 - 120	5	20	6050889		05/08/06 19:28
Cadmium	0.0542		mg/L	0.0500	108%	80 - 120	5	20	6050889		05/08/06 19:28
Chromium	0.222		mg/L	0.200	111%	80 - 120	6	20	6050889		05/08/06 19:28
Copper	0.256		mg/L	0.250	102%	80 - 120	7	20	6050889		05/08/06 19:28
Lead	0.0554		mg/L	0.0500	111%	80 - 120	8	20	6050889		05/08/06 19:28
Nickel	0.546		mg/L	0.500	109%	80 - 120	5	20	6050889		05/08/06 19:28
Selenium	0.0563		mg/L	0.0500	113%	80 - 120	9	20	6050889		05/08/06 19:28
Silver	0.0571		mg/L	0.0500	114%	80 - 120	7	20	6050889		05/08/06 19:28
Thallium	0.0521		mg/L	0.0500	104%	80 - 120	3	20	6050889		05/09/06 11:27
Zinc	0.548		mg/L	0.500	110%	80 - 120	4	20	6050889		05/08/06 19:28

Mercury by EPA Methods 7470A/7471A

6050976-BSD1

Mercury	0.00111		mg/L	0.00100	111%	78 - 124	0	22	6050976		05/05/06 15:45
---------	---------	--	------	---------	------	----------	---	----	---------	--	----------------

Acid and Base/Neutral Extractables by EPA Method 625

6050951-BSD1

Acenaphthene	40.7		ug/L	50.0	81%	47 - 145	9	41	6050951		05/08/06 07:55
Acenaphthylene	43.5		ug/L	50.0	87%	33 - 145	13	33	6050951		05/08/06 07:55
Anthracene	47.4		ug/L	50.0	95%	27 - 133	0	38	6050951		05/08/06 07:55
Benzo (a) anthracene	45.8		ug/L	50.0	92%	33 - 143	7	35	6050951		05/08/06 07:55
Benzo (a) pyrene	47.3		ug/L	50.0	95%	17 - 163	5	37	6050951		05/08/06 07:55
Benzo (b) fluoranthene	52.0		ug/L	50.0	104%	24 - 159	0.4	37	6050951		05/08/06 07:55

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Acid and Base/Neutral Extractables by EPA Method 625												
6050951-BSD1												
Benzo (g,h,i) perylene		41.7		ug/L	50.0	83%	1 - 219	7	36	6050951		05/08/06 07:55
Benzo (k) fluoranthene		42.4		ug/L	50.0	85%	11 - 162	6	40	6050951		05/08/06 07:55
4-Bromophenyl phenyl ether		39.6		ug/L	50.0	79%	53 - 127	6	35	6050951		05/08/06 07:55
Butyl benzyl phthalate		46.2		ug/L	50.0	92%	1 - 152	4	37	6050951		05/08/06 07:55
4-Chloro-3-methylphenol		43.5		ug/L	50.0	87%	22 - 147	10	38	6050951		05/08/06 07:55
Bis(2-chloroethoxy)methane		39.0		ug/L	50.0	78%	33 - 184	14	34	6050951		05/08/06 07:55
Bis(2-chloroethyl)ether		35.8		ug/L	50.0	72%	12 - 158	17	44	6050951		05/08/06 07:55
Bis(2-chloroisopropyl)ether		36.8		ug/L	50.0	74%	36 - 166	17	40	6050951		05/08/06 07:55
2-Chloronaphthalene		38.6		ug/L	50.0	77%	60 - 118	11	41	6050951		05/08/06 07:55
2-Chlorophenol		35.6		ug/L	50.0	71%	23 - 134	17	59	6050951		05/08/06 07:55
4-Chlorophenyl phenyl ether		44.5		ug/L	50.0	89%	25 - 158	10	38	6050951		05/08/06 07:55
Chrysene		45.7		ug/L	50.0	91%	17 - 168	2	35	6050951		05/08/06 07:55
Dibenz (a,h) anthracene		43.3		ug/L	50.0	87%	1 - 227	4	41	6050951		05/08/06 07:55
Di-n-butyl phthalate		45.1		ug/L	50.0	90%	1 - 118	3	35	6050951		05/08/06 07:55
1,3-Dichlorobenzene		31.9		ug/L	50.0	64%	1 - 172	20	55	6050951		05/08/06 07:55
1,4-Dichlorobenzene		30.8		ug/L	50.0	62%	20 - 124	22	57	6050951		05/08/06 07:55
1,2-Dichlorobenzene		32.7		ug/L	50.5	65%	32 - 129	20	55	6050951		05/08/06 07:55
3,3'-Dichlorobenzidine		43.6		ug/L	50.0	87%	1 - 262	2	44	6050951		05/08/06 07:55
2,4-Dichlorophenol		43.0		ug/L	50.0	86%	39 - 135	15	57	6050951		05/08/06 07:55
Diethyl phthalate		47.3		ug/L	50.0	95%	1 - 114	9	38	6050951		05/08/06 07:55
2,4-Dimethylphenol		34.0		ug/L	50.0	68%	32 - 119	12	73	6050951		05/08/06 07:55
Dimethyl phthalate		45.9		ug/L	50.0	92%	1 - 112	7	36	6050951		05/08/06 07:55
4,6-Dinitro-2-methylphenol		39.0		ug/L	50.0	78%	1 - 181	1	59	6050951		05/08/06 07:55
2,4-Dinitrophenol		38.8		ug/L	50.0	78%	1 - 191	9	35	6050951		05/08/06 07:55
2,6-Dinitrotoluene		48.0		ug/L	50.0	96%	50 - 158	10	40	6050951		05/08/06 07:55
2,4-Dinitrotoluene		45.4		ug/L	50.0	91%	39 - 139	9	36	6050951		05/08/06 07:55
Di-n-octyl phthalate		46.8		ug/L	50.0	94%	4 - 146	6	44	6050951		05/08/06 07:55
Bis(2-ethylhexyl)phthalate		43.3		ug/L	50.0	87%	8 - 158	6	37	6050951		05/08/06 07:55
Fluoranthene		47.2		ug/L	50.0	94%	26 - 137	0.2	34	6050951		05/08/06 07:55
Fluorene		45.6		ug/L	50.0	91%	59 - 121	7	36	6050951		05/08/06 07:55
Hexachlorobenzene		47.8		ug/L	50.0	96%	1 - 152	3	34	6050951		05/08/06 07:55
Hexachlorobutadiene		40.2		ug/L	50.0	80%	24 - 116	19	55	6050951		05/08/06 07:55
Hexachlorocyclopentadiene		34.2		ug/L	50.0	68%	23 - 86	21	55	6050951		05/08/06 07:55
Hexachloroethane		29.3		ug/L	50.0	59%	40 - 113	21	59	6050951		05/08/06 07:55
Indeno (1,2,3-cd) pyrene		42.8		ug/L	50.0	86%	1 - 171	3	41	6050951		05/08/06 07:55
Isophorone		42.2		ug/L	50.0	84%	21 - 196	14	33	6050951		05/08/06 07:55
Naphthalene		34.6		ug/L	50.0	69%	21 - 133	17	44	6050951		05/08/06 07:55
Nitrobenzene		37.4		ug/L	50.0	75%	35 - 180	15	35	6050951		05/08/06 07:55
2-Nitrophenol		40.1		ug/L	50.0	80%	29 - 182	16	55	6050951		05/08/06 07:55
4-Nitrophenol		23.8		ug/L	50.0	48%	1 - 132	2	48	6050951		05/08/06 07:55
N-Nitrosodimethylamine		19.7		ug/L	50.0	39%	23 - 69	14	51	6050951		05/08/06 07:55

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Acid and Base/Neutral Extractables by EPA Method 625												
6050951-BSD1												
N-Nitrosodiphenylamine		63.0	L	ug/L	50.0	126%	42 - 111	3	32	6050951		05/08/06 07:55
N-Nitrosodi-n-propylamine		37.8		ug/L	50.0	76%	1 - 230	17	47	6050951		05/08/06 07:55
Pentachlorophenol		53.3		ug/L	50.0	107%	14 - 176	7	47	6050951		05/08/06 07:55
Phenanthrene		43.9		ug/L	50.0	88%	54 - 120	0.5	39	6050951		05/08/06 07:55
Phenol		19.0		ug/L	50.0	38%	5 - 112	15	54	6050951		05/08/06 07:55
Pyrene		45.5		ug/L	50.0	91%	52 - 115	5	35	6050951		05/08/06 07:55
1,2,4-Trichlorobenzene		35.6		ug/L	50.0	71%	44 - 142	15	50	6050951		05/08/06 07:55
2,4,6-Trichlorophenol		48.6		ug/L	50.0	97%	37 - 144	5	62	6050951		05/08/06 07:55
Surrogate: Terphenyl-d14		41.9		ug/L	50.2	83%	34 - 116			6050951		05/08/06 07:55
Surrogate: 2,4,6-Tribromophenol		46.7		ug/L	50.2	93%	16 - 130			6050951		05/08/06 07:55
Surrogate: Phenol-d5		17.3		ug/L	50.2	34%	10 - 66			6050951		05/08/06 07:55
Surrogate: 2-Fluorobiphenyl		37.5		ug/L	50.2	75%	32 - 99			6050951		05/08/06 07:55
Surrogate: 2-Fluorophenol		23.4		ug/L	50.2	47%	10 - 81			6050951		05/08/06 07:55
Surrogate: Nitrobenzene-d5		36.5		ug/L	50.2	73%	19 - 116			6050951		05/08/06 07:55

Volatile Organic Compounds by SM 6210D

6051403-BSD1

Benzene	51.4		ug/L	50.0	103%	70 - 130	4	20	6051403		05/10/06 13:09
Bromobenzene	56.7		ug/L	50.0	113%	70 - 130	1	20	6051403		05/10/06 13:09
Bromochloromethane	55.2		ug/L	50.0	110%	70 - 130	6	20	6051403		05/10/06 13:09
Bromodichloromethane	55.0		ug/L	50.0	110%	70 - 130	3	20	6051403		05/10/06 13:09
Bromoform	41.4		ug/L	50.0	83%	70 - 130	3	20	6051403		05/10/06 13:09
Bromomethane	52.3		ug/L	50.0	105%	60 - 140	3	20	6051403		05/10/06 13:09
n-Butylbenzene	53.8		ug/L	50.0	108%	70 - 130	0.9	20	6051403		05/10/06 13:09
tert-Butylbenzene	51.5		ug/L	50.0	103%	70 - 130	0.6	20	6051403		05/10/06 13:09
sec-Butylbenzene	51.8		ug/L	50.0	104%	70 - 130	1	20	6051403		05/10/06 13:09
Carbon disulfide	49.1		ug/L	50.0	98%	70 - 130	3	20	6051403		05/10/06 13:09
Carbon Tetrachloride	55.6		ug/L	50.0	111%	70 - 130	0.7	20	6051403		05/10/06 13:09
Chlorobenzene	52.8		ug/L	50.0	106%	70 - 130	1	20	6051403		05/10/06 13:09
Chlorodibromomethane	48.6		ug/L	50.0	97%	70 - 130	3	20	6051403		05/10/06 13:09
Chloroethane	48.0		ug/L	50.0	96%	60 - 140	4	20	6051403		05/10/06 13:09
Chloroform	52.3		ug/L	50.0	105%	70 - 130	3	20	6051403		05/10/06 13:09
Chloromethane	39.5		ug/L	50.0	79%	60 - 140	3	20	6051403		05/10/06 13:09
4-Chlorotoluene	56.9		ug/L	50.0	114%	70 - 130	0.5	20	6051403		05/10/06 13:09
2-Chlorotoluene	57.2		ug/L	50.0	114%	70 - 130	0.5	20	6051403		05/10/06 13:09
1,2-Dibromo-3-chloropropane	47.0		ug/L	50.0	94%	70 - 130	5	20	6051403		05/10/06 13:09
1,2-Dibromoethane (EDB)	57.8		ug/L	50.0	116%	70 - 130	5	20	6051403		05/10/06 13:09
Dibromomethane	57.7		ug/L	50.0	115%	70 - 130	6	20	6051403		05/10/06 13:09
1,4-Dichlorobenzene	53.1		ug/L	50.0	106%	70 - 130	2	20	6051403		05/10/06 13:09
1,2-Dichlorobenzene	55.4		ug/L	50.0	111%	70 - 130	2	20	6051403		05/10/06 13:09
1,3-Dichlorobenzene	56.1		ug/L	50.0	112%	70 - 130	2	20	6051403		05/10/06 13:09

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by SM 6210D												
6051403-BSD1												
Dichlorodifluoromethane		41.9		ug/L	50.0	84%	60 - 140	3	20	6051403		05/10/06 13:09
1,1-Dichloroethane		52.6		ug/L	50.0	105%	70 - 130	3	20	6051403		05/10/06 13:09
1,2-Dichloroethane		49.5		ug/L	50.0	99%	70 - 130	9	20	6051403		05/10/06 13:09
trans-1,2-Dichloroethene		53.6		ug/L	50.0	107%	70 - 130	2	20	6051403		05/10/06 13:09
1,1-Dichloroethene		51.4		ug/L	50.0	103%	70 - 130	2	20	6051403		05/10/06 13:09
cis-1,2-Dichloroethene		54.5		ug/L	50.0	109%	70 - 130	2	20	6051403		05/10/06 13:09
1,2-Dichloropropane		52.1		ug/L	50.0	104%	70 - 130	4	20	6051403		05/10/06 13:09
1,3-Dichloropropane		54.9		ug/L	50.0	110%	70 - 130	3	20	6051403		05/10/06 13:09
2,2-Dichloropropane		61.2		ug/L	50.0	122%	70 - 130	2	20	6051403		05/10/06 13:09
trans-1,3-Dichloropropene		49.3		ug/L	50.0	99%	70 - 130	3	20	6051403		05/10/06 13:09
cis-1,3-Dichloropropene		51.1		ug/L	50.0	102%	70 - 130	3	20	6051403		05/10/06 13:09
1,1-Dichloropropene		58.3		ug/L	50.0	117%	70 - 130	3	20	6051403		05/10/06 13:09
Ethylbenzene		55.7		ug/L	50.0	111%	70 - 130	1	20	6051403		05/10/06 13:09
Hexachlorobutadiene		58.1		ug/L	50.0	116%	70 - 130	4	20	6051403		05/10/06 13:09
Isopropylbenzene		47.7		ug/L	50.0	95%	70 - 130	1	20	6051403		05/10/06 13:09
p-Isopropyltoluene		50.5		ug/L	50.0	101%	70 - 130	0.6	20	6051403		05/10/06 13:09
Methylene Chloride		49.9		ug/L	50.0	100%	70 - 130	3	20	6051403		05/10/06 13:09
Naphthalene		50.5		ug/L	50.0	101%	70 - 130	5	20	6051403		05/10/06 13:09
n-Propylbenzene		58.3		ug/L	50.0	117%	70 - 130	0.3	20	6051403		05/10/06 13:09
Styrene		51.2		ug/L	50.0	102%	70 - 130	0.6	20	6051403		05/10/06 13:09
1,1,2,2-Tetrachloroethane		51.5		ug/L	50.0	103%	70 - 130	3	20	6051403		05/10/06 13:09
1,1,1,2-Tetrachloroethane		50.8		ug/L	50.0	102%	70 - 130	2	20	6051403		05/10/06 13:09
Tetrachloroethene		54.8		ug/L	50.0	110%	70 - 130	2	20	6051403		05/10/06 13:09
Toluene		53.4		ug/L	50.0	107%	70 - 130	1	20	6051403		05/10/06 13:09
1,2,3-Trichlorobenzene		51.6		ug/L	50.0	103%	70 - 130	5	20	6051403		05/10/06 13:09
1,2,4-Trichlorobenzene		52.6		ug/L	50.0	105%	70 - 130	3	20	6051403		05/10/06 13:09
1,1,2-Trichloroethane		55.2		ug/L	50.0	110%	70 - 130	3	20	6051403		05/10/06 13:09
1,1,1-Trichloroethane		54.9		ug/L	50.0	110%	70 - 130	4	20	6051403		05/10/06 13:09
Trichloroethene		57.6		ug/L	50.0	115%	70 - 130	2	20	6051403		05/10/06 13:09
Trichlorofluoromethane		46.3		ug/L	50.0	93%	60 - 140	4	20	6051403		05/10/06 13:09
1,2,3-Trichloropropane		72.1	L	ug/L	50.0	144%	70 - 130	5	20	6051403		05/10/06 13:09
1,3,5-Trimethylbenzene		52.4		ug/L	50.0	105%	70 - 130	0.6	20	6051403		05/10/06 13:09
1,2,4-Trimethylbenzene		51.9		ug/L	50.0	104%	70 - 130	0.6	20	6051403		05/10/06 13:09
Vinyl chloride		47.6		ug/L	50.0	95%	60 - 140	3	20	6051403		05/10/06 13:09
Xylenes, total		162		ug/L	150	108%	70 - 130	2	20	6051403		05/10/06 13:09
Methyl tert-Butyl Ether		50.5		ug/L	50.0	101%	70 - 130	5	20	6051403		05/10/06 13:09
Diisopropyl Ether		48.0		ug/L	50.0	96%	70 - 130	4	20	6051403		05/10/06 13:09
Surrogate: 1,2-Dichloroethane-d4		20.1		ug/L	25.0	80%	72 - 130			6051403		05/10/06 13:09
Surrogate: Dibromofluoromethane		22.4		ug/L	25.0	90%	82 - 120			6051403		05/10/06 13:09
Surrogate: Toluene-d8		21.6		ug/L	25.0	86%	81 - 117			6051403		05/10/06 13:09
Surrogate: 4-Bromofluorobenzene		22.6		ug/L	25.0	90%	81 - 122			6051403		05/10/06 13:09

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by SM 6210D												
Semivolatile Organic Compounds by EPA Method 8270C												
6051264-BSD1												
Acenaphthene		37.6		ug/L	50.0	75%	46 - 108	8	41	6051264		05/07/06 22:37
Acenaphthylene		41.4		ug/L	50.0	83%	47 - 110	9	33	6051264		05/07/06 22:37
Anthracene		45.2		ug/L	50.0	90%	54 - 123	4	38	6051264		05/07/06 22:37
Benzo (a) anthracene		45.5		ug/L	50.0	91%	55 - 117	5	35	6051264		05/07/06 22:37
Benzo (a) pyrene		46.8		ug/L	50.0	94%	54 - 124	5	37	6051264		05/07/06 22:37
Benzo (b) fluoranthene		42.7		ug/L	50.0	85%	49 - 126	6	37	6051264		05/07/06 22:37
Benzo (g,h,i) perylene		43.9		ug/L	50.0	88%	42 - 131	7	36	6051264		05/07/06 22:37
Benzo (k) fluoranthene		48.4		ug/L	50.0	97%	51 - 128	5	40	6051264		05/07/06 22:37
4-Bromophenyl phenyl ether		38.4		ug/L	50.0	77%	46 - 103	5	35	6051264		05/07/06 22:37
Butyl benzyl phthalate		44.5		ug/L	50.0	89%	50 - 128	3	37	6051264		05/07/06 22:37
Carbazole		42.0		ug/L	50.0	84%	58 - 119	5	35	6051264		05/07/06 22:37
4-Chloro-3-methylphenol		39.4		ug/L	50.0	79%	28 - 99	11	38	6051264		05/07/06 22:37
4-Chloroaniline		42.6		ug/L	50.0	85%	36 - 108	15	39	6051264		05/07/06 22:37
Bis(2-chloroethoxy)methane		41.8		ug/L	50.0	84%	46 - 112	8	34	6051264		05/07/06 22:37
Bis(2-chloroethyl)ether		38.2		ug/L	50.0	76%	42 - 105	9	44	6051264		05/07/06 22:37
Bis(2-chloroisopropyl)ether		39.1		ug/L	50.0	78%	44 - 104	12	40	6051264		05/07/06 22:37
2-Chloronaphthalene		34.2		ug/L	50.0	68%	41 - 105	10	41	6051264		05/07/06 22:37
2-Chlorophenol		34.9		ug/L	50.0	70%	18 - 104	11	59	6051264		05/07/06 22:37
4-Chlorophenyl phenyl ether		42.0		ug/L	50.0	84%	48 - 108	3	34	6051264		05/07/06 22:37
Chrysene		44.0		ug/L	50.0	88%	54 - 118	3	35	6051264		05/07/06 22:37
Dibenz (a,h) anthracene		43.8		ug/L	50.0	88%	44 - 131	5	41	6051264		05/07/06 22:37
Dibenzofuran		41.6		ug/L	50.0	83%	49 - 111	9	36	6051264		05/07/06 22:37
Di-n-butyl phthalate		42.6		ug/L	50.0	85%	56 - 115	3	35	6051264		05/07/06 22:37
1,4-Dichlorobenzene		30.8		ug/L	50.0	62%	32 - 87	10	57	6051264		05/07/06 22:37
1,2-Dichlorobenzene		31.4		ug/L	50.5	62%	35 - 92	9	55	6051264		05/07/06 22:37
1,3-Dichlorobenzene		30.8		ug/L	50.0	62%	32 - 89	9	55	6051264		05/07/06 22:37
3,3'-Dichlorobenzidine		41.4		ug/L	50.0	83%	36 - 122	10	44	6051264		05/07/06 22:37
2,4-Dichlorophenol		42.3		ug/L	50.0	85%	23 - 112	9	57	6051264		05/07/06 22:37
Diethyl phthalate		48.4		ug/L	50.0	97%	54 - 110	4	38	6051264		05/07/06 22:37
2,4-Dimethylphenol		26.6		ug/L	50.0	53%	10 - 114	30	73	6051264		05/07/06 22:37
Dimethyl phthalate		46.4		ug/L	50.0	93%	54 - 111	4	36	6051264		05/07/06 22:37
4,6-Dinitro-2-methylphenol		41.2		ug/L	50.0	82%	32 - 118	2	59	6051264		05/07/06 22:37
2,4-Dinitrophenol		52.6		ug/L	50.0	105%	55 - 117	4	35	6051264		05/07/06 22:37
2,6-Dinitrotoluene		48.6		ug/L	50.0	97%	56 - 121	5	40	6051264		05/07/06 22:37
2,4-Dinitrotoluene		46.2		ug/L	50.0	92%	53 - 119	6	36	6051264		05/07/06 22:37
Di-n-octyl phthalate		44.8		ug/L	50.0	90%	26 - 138	4	44	6051264		05/07/06 22:37
Bis(2-ethylhexyl)phthalate		42.4		ug/L	50.0	85%	31 - 144	2	37	6051264		05/07/06 22:37
Fluoranthene		44.8		ug/L	50.0	90%	57 - 117	4	34	6051264		05/07/06 22:37
Fluorene		44.0		ug/L	50.0	88%	51 - 111	7	36	6051264		05/07/06 22:37
Hexachlorobenzene		45.6		ug/L	50.0	91%	50 - 124	5	34	6051264		05/07/06 22:37

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270C												
6051264-BSD1												
Hexachlorobutadiene		37.3		ug/L	50.0	75%	31 - 102	9	55	6051264		05/07/06 22:37
Hexachlorocyclopentadiene		32.2		ug/L	50.0	64%	10 - 102	9	55	6051264		05/07/06 22:37
Hexachloroethane		27.6		ug/L	50.0	55%	28 - 88	3	59	6051264		05/07/06 22:37
Indeno (1,2,3-cd) pyrene		43.7		ug/L	50.0	87%	44 - 132	7	41	6051264		05/07/06 22:37
Isophorone		44.0		ug/L	50.0	88%	44 - 107	12	33	6051264		05/07/06 22:37
2-Methylnaphthalene		35.4		ug/L	50.0	71%	34 - 110	10	41	6051264		05/07/06 22:37
2-Methylphenol		32.2		ug/L	50.0	64%	15 - 90	14	52	6051264		05/07/06 22:37
Naphthalene		33.0		ug/L	50.0	66%	38 - 95	11	44	6051264		05/07/06 22:37
3/4-Methylphenol		32.4		ug/L	50.0	65%	4 - 99	17	54	6051264		05/07/06 22:37
3-Nitroaniline		42.2		ug/L	50.0	84%	51 - 117	6	40	6051264		05/07/06 22:37
2-Nitroaniline		43.9		ug/L	50.0	88%	53 - 116	8	36	6051264		05/07/06 22:37
4-Nitroaniline		41.5		ug/L	50.0	83%	50 - 115	7	31	6051264		05/07/06 22:37
Nitrobenzene		39.0		ug/L	50.0	78%	44 - 104	9	35	6051264		05/07/06 22:37
4-Nitrophenol		18.5		ug/L	50.0	37%	1 - 79	10	48	6051264		05/07/06 22:37
2-Nitrophenol		42.0		ug/L	50.0	84%	25 - 114	11	55	6051264		05/07/06 22:37
N-Nitrosodiphenylamine		60.4	L	ug/L	50.0	121%	51 - 111	6	32	6051264		05/07/06 22:37
N-Nitrosodi-n-propylamine		40.0		ug/L	50.0	80%	45 - 104	9	47	6051264		05/07/06 22:37
Pentachlorophenol		53.7		ug/L	50.0	107%	32 - 133	7	47	6051264		05/07/06 22:37
Phenanthrene		42.9		ug/L	50.0	86%	55 - 113	8	39	6051264		05/07/06 22:37
Phenol		16.6		ug/L	50.0	33%	18 - 50	14	54	6051264		05/07/06 22:37
Pyrene		46.1		ug/L	50.0	92%	57 - 117	4	35	6051264		05/07/06 22:37
1,2,4-Trichlorobenzene		32.5		ug/L	50.0	65%	32 - 92	8	50	6051264		05/07/06 22:37
1-Methylnaphthalene		34.6		ug/L	50.5	69%	39 - 109	12	45	6051264		05/07/06 22:37
2,4,6-Trichlorophenol		46.2		ug/L	50.0	92%	36 - 115	8	62	6051264		05/07/06 22:37
2,4,5-Trichlorophenol		45.8		ug/L	50.0	92%	40 - 121	9	56	6051264		05/07/06 22:37
Surrogate: Terphenyl-d14		37.3		ug/L	50.2	74%	31 - 111			6051264		05/07/06 22:37
Surrogate: 2,4,6-Tribromophenol		42.0		ug/L	50.2	84%	32 - 118			6051264		05/07/06 22:37
Surrogate: Phenol-d5		13.7		ug/L	50.2	27%	10 - 48			6051264		05/07/06 22:37
Surrogate: 2-Fluorobiphenyl		38.0		ug/L	50.2	76%	33 - 101			6051264		05/07/06 22:37
Surrogate: 2-Fluorophenol		19.4		ug/L	50.2	39%	10 - 64			6051264		05/07/06 22:37
Surrogate: Nitrobenzene-d5		37.4		ug/L	50.2	75%	31 - 112			6051264		05/07/06 22:37

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449

Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Metals										
6050895-MS1										
Lead	1.05	1.09	MHA	mg/L	0.0500	80%	75 - 125	6050895	NPE0487-06	05/05/06 21:53
Total Metals by EPA Method 6010B										
6050889-MS1										
Antimony	ND	0.107		mg/L	0.100	107%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Arsenic	0.00910	0.0606		mg/L	0.0500	103%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Beryllium	ND	0.0570		mg/L	0.0500	114%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Cadmium	ND	0.0509		mg/L	0.0500	102%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Chromium	ND	0.212		mg/L	0.200	106%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Copper	0.00770	0.257		mg/L	0.250	100%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Lead	ND	0.0508		mg/L	0.0500	102%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Nickel	ND	0.515		mg/L	0.500	103%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Selenium	ND	0.0584		mg/L	0.0500	117%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Silver	ND	0.0550		mg/L	0.0500	110%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Thallium	ND	0.0366	M2	mg/L	0.0500	73%	75 - 125	6050889	NPE0404-07	05/09/06 11:36
Zinc	ND	0.531		mg/L	0.500	106%	75 - 125	6050889	NPE0404-07	05/08/06 19:36
Mercury by EPA Methods 7470A/7471A										
6050976-MS1										
Mercury	ND	0.00113		mg/L	0.00100	113%	63 - 138	6050976	NPE0525-02	05/05/06 16:25
6051476-MS1										
Mercury	ND	0.00108		mg/L	0.00100	108%	63 - 138	6051476	NPE0870-01	05/09/06 14:49
Volatile Organic Compounds by EPA Method 8260B										
6051523-MS1										
Acetone	ND	232		ug/L	250	93%	11 - 157	6051523	NPE0538-02	05/11/06 11:27
Benzene	ND	52.7		ug/L	50.0	105%	74 - 133	6051523	NPE0538-02	05/11/06 11:27
Bromobenzene	ND	50.9		ug/L	50.0	102%	71 - 129	6051523	NPE0538-02	05/11/06 11:27
Bromochloromethane	ND	52.8		ug/L	50.0	106%	73 - 134	6051523	NPE0538-02	05/11/06 11:27
Bromodichloromethane	ND	52.4		ug/L	50.0	105%	67 - 138	6051523	NPE0538-02	05/11/06 11:27
Bromoform	ND	42.3		ug/L	50.0	85%	37 - 140	6051523	NPE0538-02	05/11/06 11:27
Bromomethane	ND	53.2		ug/L	50.0	106%	29 - 171	6051523	NPE0538-02	05/11/06 11:27
2-Butanone	ND	268		ug/L	250	107%	50 - 151	6051523	NPE0538-02	05/11/06 11:27
sec-Butylbenzene	ND	56.7		ug/L	50.0	113%	68 - 139	6051523	NPE0538-02	05/11/06 11:27
n-Butylbenzene	ND	54.0		ug/L	50.0	108%	58 - 146	6051523	NPE0538-02	05/11/06 11:27
tert-Butylbenzene	ND	58.2		ug/L	50.0	116%	67 - 137	6051523	NPE0538-02	05/11/06 11:27
Carbon disulfide	ND	48.5		ug/L	50.0	97%	50 - 147	6051523	NPE0538-02	05/11/06 11:27
Carbon Tetrachloride	ND	56.5		ug/L	50.0	113%	56 - 147	6051523	NPE0538-02	05/11/06 11:27

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6051523-MS1										
Chlorobenzene	ND	50.6		ug/L	50.0	101%	79 - 124	6051523	NPE0538-02	05/11/06 11:27
Chlorodibromomethane	ND	46.8		ug/L	50.0	94%	62 - 130	6051523	NPE0538-02	05/11/06 11:27
Chloroethane	ND	53.4		ug/L	50.0	107%	47 - 160	6051523	NPE0538-02	05/11/06 11:27
Chloroform	ND	51.7		ug/L	50.0	103%	71 - 134	6051523	NPE0538-02	05/11/06 11:27
Chloromethane	ND	42.9		ug/L	50.0	86%	22 - 177	6051523	NPE0538-02	05/11/06 11:27
2-Chlorotoluene	ND	52.8		ug/L	50.0	106%	63 - 143	6051523	NPE0538-02	05/11/06 11:27
4-Chlorotoluene	ND	54.1		ug/L	50.0	108%	67 - 139	6051523	NPE0538-02	05/11/06 11:27
1,2-Dibromo-3-chloropropane	ND	46.6		ug/L	50.0	93%	47 - 133	6051523	NPE0538-02	05/11/06 11:27
1,2-Dibromoethane (EDB)	ND	53.1		ug/L	50.0	106%	72 - 133	6051523	NPE0538-02	05/11/06 11:27
Dibromomethane	ND	56.9		ug/L	50.0	114%	70 - 135	6051523	NPE0538-02	05/11/06 11:27
1,4-Dichlorobenzene	ND	47.8		ug/L	50.0	96%	72 - 126	6051523	NPE0538-02	05/11/06 11:27
1,3-Dichlorobenzene	ND	51.0		ug/L	50.0	102%	72 - 133	6051523	NPE0538-02	05/11/06 11:27
1,2-Dichlorobenzene	ND	52.3		ug/L	50.0	105%	73 - 131	6051523	NPE0538-02	05/11/06 11:27
Dichlorodifluoromethane	ND	38.2		ug/L	50.0	76%	11 - 182	6051523	NPE0538-02	05/11/06 11:27
1,1-Dichloroethane	ND	52.9		ug/L	50.0	106%	70 - 135	6051523	NPE0538-02	05/11/06 11:27
1,2-Dichloroethane	ND	51.6		ug/L	50.0	103%	62 - 140	6051523	NPE0538-02	05/11/06 11:27
cis-1,2-Dichloroethene	ND	50.2		ug/L	50.0	100%	67 - 137	6051523	NPE0538-02	05/11/06 11:27
1,1-Dichloroethene	ND	52.6		ug/L	50.0	105%	67 - 139	6051523	NPE0538-02	05/11/06 11:27
trans-1,2-Dichloroethene	ND	52.5		ug/L	50.0	105%	66 - 138	6051523	NPE0538-02	05/11/06 11:27
1,3-Dichloropropane	ND	52.5		ug/L	50.0	105%	76 - 126	6051523	NPE0538-02	05/11/06 11:27
1,2-Dichloropropane	ND	59.7		ug/L	50.0	119%	75 - 131	6051523	NPE0538-02	05/11/06 11:27
2,2-Dichloropropane	ND	31.9		ug/L	50.0	64%	13 - 166	6051523	NPE0538-02	05/11/06 11:27
cis-1,3-Dichloropropene	ND	42.8		ug/L	50.0	86%	53 - 139	6051523	NPE0538-02	05/11/06 11:27
trans-1,3-Dichloropropene	ND	41.9		ug/L	50.0	84%	51 - 130	6051523	NPE0538-02	05/11/06 11:27
1,1-Dichloropropene	ND	53.7		ug/L	50.0	107%	73 - 134	6051523	NPE0538-02	05/11/06 11:27
Ethylbenzene	ND	54.4		ug/L	50.0	109%	74 - 134	6051523	NPE0538-02	05/11/06 11:27
Hexachlorobutadiene	ND	50.8		ug/L	50.0	102%	52 - 143	6051523	NPE0538-02	05/11/06 11:27
2-Hexanone	ND	242		ug/L	250	97%	58 - 138	6051523	NPE0538-02	05/11/06 11:27
Isopropylbenzene	ND	53.0		ug/L	50.0	106%	69 - 138	6051523	NPE0538-02	05/11/06 11:27
p-Isopropyltoluene	ND	51.0		ug/L	50.0	102%	66 - 141	6051523	NPE0538-02	05/11/06 11:27
Methyl tert-Butyl Ether	ND	50.7		ug/L	50.0	101%	58 - 151	6051523	NPE0538-02	05/11/06 11:27
Methylene Chloride	ND	52.2		ug/L	50.0	104%	69 - 138	6051523	NPE0538-02	05/11/06 11:27
4-Methyl-2-pentanone	ND	255		ug/L	250	102%	66 - 137	6051523	NPE0538-02	05/11/06 11:27
Naphthalene	ND	59.6		ug/L	50.0	119%	47 - 154	6051523	NPE0538-02	05/11/06 11:27
n-Propylbenzene	ND	55.2		ug/L	50.0	110%	67 - 140	6051523	NPE0538-02	05/11/06 11:27
Styrene	ND	50.3		ug/L	50.0	101%	64 - 138	6051523	NPE0538-02	05/11/06 11:27
1,1,1,2-Tetrachloroethane	ND	52.9		ug/L	50.0	106%	10 - 179	6051523	NPE0538-02	05/11/06 11:27

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6051523-MS1										
1,1,2,2-Tetrachloroethane	ND	50.6		ug/L	50.0	101%	65 - 134	6051523	NPE0538-02	05/11/06 11:27
Tetrachloroethene	ND	51.4		ug/L	50.0	103%	71 - 132	6051523	NPE0538-02	05/11/06 11:27
Toluene	ND	52.7		ug/L	50.0	105%	73 - 133	6051523	NPE0538-02	05/11/06 11:27
1,2,3-Trichlorobenzene	ND	65.4		ug/L	50.0	131%	57 - 142	6051523	NPE0538-02	05/11/06 11:27
1,2,4-Trichlorobenzene	ND	57.2		ug/L	50.0	114%	56 - 139	6051523	NPE0538-02	05/11/06 11:27
1,1,2-Trichloroethane	ND	50.6		ug/L	50.0	101%	78 - 125	6051523	NPE0538-02	05/11/06 11:27
1,1,1-Trichloroethane	ND	53.7		ug/L	50.0	107%	66 - 142	6051523	NPE0538-02	05/11/06 11:27
Trichloroethene	ND	54.9		ug/L	50.0	110%	69 - 140	6051523	NPE0538-02	05/11/06 11:27
Trichlorofluoromethane	ND	50.2		ug/L	50.0	100%	57 - 149	6051523	NPE0538-02	05/11/06 11:27
1,2,3-Trichloropropane	ND	47.4		ug/L	50.0	95%	55 - 138	6051523	NPE0538-02	05/11/06 11:27
1,3,5-Trimethylbenzene	ND	55.2		ug/L	50.0	110%	65 - 140	6051523	NPE0538-02	05/11/06 11:27
1,2,4-Trimethylbenzene	ND	55.4		ug/L	50.0	111%	60 - 143	6051523	NPE0538-02	05/11/06 11:27
Vinyl chloride	ND	45.4		ug/L	50.0	91%	46 - 151	6051523	NPE0538-02	05/11/06 11:27
Xylenes, total	ND	165		ug/L	150	110%	68 - 139	6051523	NPE0538-02	05/11/06 11:27
Diisopropyl Ether	ND	51.5		ug/L	50.0	103%	67 - 139	6051523	NPE0538-02	05/11/06 11:27
Surrogate: 1,2-Dichloroethane-d4		51.6		ug/L	50.0	103%	70 - 130	6051523	NPE0538-02	05/11/06 11:27
Surrogate: Dibromofluoromethane		49.3		ug/L	50.0	99%	79 - 122	6051523	NPE0538-02	05/11/06 11:27
Surrogate: Toluene-d8		49.4		ug/L	50.0	99%	78 - 121	6051523	NPE0538-02	05/11/06 11:27
Surrogate: 4-Bromofluorobenzene		51.4		ug/L	50.0	103%	78 - 126	6051523	NPE0538-02	05/11/06 11:27

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Metals												
6050895-MSD1												
Lead	1.05	1.08	MHA	mg/L	0.0500	60%	75 - 125	0.9	20	6050895	NPE0487-06	05/05/06 21:58
Total Metals by EPA Method 6010B												
6050889-MSD1												
Antimony	ND	0.103		mg/L	0.100	103%	75 - 125	4	20	6050889	NPE0404-07	05/08/06 19:41
Arsenic	0.00910	0.0576		mg/L	0.0500	97%	75 - 125	5	20	6050889	NPE0404-07	05/08/06 19:41
Beryllium	ND	0.0541		mg/L	0.0500	108%	75 - 125	5	20	6050889	NPE0404-07	05/08/06 19:41
Cadmium	ND	0.0481		mg/L	0.0500	96%	75 - 125	6	20	6050889	NPE0404-07	05/08/06 19:41
Chromium	ND	0.200		mg/L	0.200	100%	75 - 125	6	20	6050889	NPE0404-07	05/08/06 19:41
Copper	0.00770	0.242		mg/L	0.250	94%	75 - 125	6	20	6050889	NPE0404-07	05/08/06 19:41
Lead	ND	0.0521		mg/L	0.0500	104%	75 - 125	3	20	6050889	NPE0404-07	05/08/06 19:41
Nickel	ND	0.487		mg/L	0.500	97%	75 - 125	6	20	6050889	NPE0404-07	05/08/06 19:41
Selenium	ND	0.0535		mg/L	0.0500	107%	75 - 125	9	20	6050889	NPE0404-07	05/08/06 19:41
Silver	ND	0.0523		mg/L	0.0500	105%	75 - 125	5	20	6050889	NPE0404-07	05/08/06 19:41
Thallium	ND	0.0229	M2, R3	mg/L	0.0500	46%	75 - 125	46	20	6050889	NPE0404-07	05/09/06 11:41
Zinc	ND	0.504		mg/L	0.500	101%	75 - 125	5	20	6050889	NPE0404-07	05/08/06 19:41
Mercury by EPA Methods 7470A/7471A												
6050976-MSD1												
Mercury	ND	0.00109		mg/L	0.00100	109%	63 - 138	4	22	6050976	NPE0525-02	05/05/06 16:27
6051476-MSD1												
Mercury	ND	0.00113		mg/L	0.00100	113%	63 - 138	5	22	6051476	NPE0870-01	05/09/06 14:51
Volatile Organic Compounds by EPA Method 8260B												
6051523-MSD1												
Acetone	ND	275		ug/L	250	110%	11 - 157	17	31	6051523	NPE0538-02	05/11/06 11:56
Benzene	ND	58.8		ug/L	50.0	118%	74 - 133	11	19	6051523	NPE0538-02	05/11/06 11:56
Bromobenzene	ND	50.7		ug/L	50.0	101%	71 - 129	0.4	19	6051523	NPE0538-02	05/11/06 11:56
Bromochloromethane	ND	59.3		ug/L	50.0	119%	73 - 134	12	19	6051523	NPE0538-02	05/11/06 11:56
Bromodichloromethane	ND	58.2		ug/L	50.0	116%	67 - 138	10	16	6051523	NPE0538-02	05/11/06 11:56
Bromoform	ND	42.8		ug/L	50.0	86%	37 - 140	1	19	6051523	NPE0538-02	05/11/06 11:56
Bromomethane	ND	60.5		ug/L	50.0	121%	29 - 171	13	31	6051523	NPE0538-02	05/11/06 11:56
2-Butanone	ND	302		ug/L	250	121%	50 - 151	12	27	6051523	NPE0538-02	05/11/06 11:56
sec-Butylbenzene	ND	57.0		ug/L	50.0	114%	68 - 139	0.5	21	6051523	NPE0538-02	05/11/06 11:56
n-Butylbenzene	ND	54.0		ug/L	50.0	108%	58 - 146	0	21	6051523	NPE0538-02	05/11/06 11:56
tert-Butylbenzene	ND	58.1		ug/L	50.0	116%	67 - 137	0.2	21	6051523	NPE0538-02	05/11/06 11:56
Carbon disulfide	ND	53.6		ug/L	50.0	107%	50 - 147	10	25	6051523	NPE0538-02	05/11/06 11:56
Carbon Tetrachloride	ND	62.6		ug/L	50.0	125%	56 - 147	10	22	6051523	NPE0538-02	05/11/06 11:56
Chlorobenzene	ND	50.8		ug/L	50.0	102%	79 - 124	0.4	17	6051523	NPE0538-02	05/11/06 11:56
Chlorodibromomethane	ND	47.2		ug/L	50.0	94%	62 - 130	0.9	16	6051523	NPE0538-02	05/11/06 11:56

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6051523-MSD1												
Chloroethane	ND	59.8		ug/L	50.0	120%	47 - 160	11	24	6051523	NPE0538-02	05/11/06 11:56
Chloroform	ND	57.5		ug/L	50.0	115%	71 - 134	11	16	6051523	NPE0538-02	05/11/06 11:56
Chloromethane	ND	49.8		ug/L	50.0	100%	22 - 177	15	32	6051523	NPE0538-02	05/11/06 11:56
2-Chlorotoluene	ND	52.4		ug/L	50.0	105%	63 - 143	0.8	24	6051523	NPE0538-02	05/11/06 11:56
4-Chlorotoluene	ND	53.6		ug/L	50.0	107%	67 - 139	0.9	18	6051523	NPE0538-02	05/11/06 11:56
1,2-Dibromo-3-chloropropane	ND	47.4		ug/L	50.0	95%	47 - 133	2	21	6051523	NPE0538-02	05/11/06 11:56
1,2-Dibromoethane (EDB)	ND	52.3		ug/L	50.0	105%	72 - 133	2	17	6051523	NPE0538-02	05/11/06 11:56
Dibromomethane	ND	63.9		ug/L	50.0	128%	70 - 135	12	19	6051523	NPE0538-02	05/11/06 11:56
1,4-Dichlorobenzene	ND	47.6		ug/L	50.0	95%	72 - 126	0.4	18	6051523	NPE0538-02	05/11/06 11:56
1,3-Dichlorobenzene	ND	50.9		ug/L	50.0	102%	72 - 133	0.2	17	6051523	NPE0538-02	05/11/06 11:56
1,2-Dichlorobenzene	ND	52.3		ug/L	50.0	105%	73 - 131	0	16	6051523	NPE0538-02	05/11/06 11:56
Dichlorodifluoromethane	ND	43.1		ug/L	50.0	86%	11 - 182	12	34	6051523	NPE0538-02	05/11/06 11:56
1,1-Dichloroethane	ND	58.8		ug/L	50.0	118%	70 - 135	11	17	6051523	NPE0538-02	05/11/06 11:56
1,2-Dichloroethane	ND	58.0		ug/L	50.0	116%	62 - 140	12	17	6051523	NPE0538-02	05/11/06 11:56
cis-1,2-Dichloroethene	ND	56.4		ug/L	50.0	113%	67 - 137	12	20	6051523	NPE0538-02	05/11/06 11:56
1,1-Dichloroethene	ND	58.0		ug/L	50.0	116%	67 - 139	10	20	6051523	NPE0538-02	05/11/06 11:56
trans-1,2-Dichloroethene	ND	59.8		ug/L	50.0	120%	66 - 138	13	18	6051523	NPE0538-02	05/11/06 11:56
1,3-Dichloropropane	ND	51.9		ug/L	50.0	104%	76 - 126	1	14	6051523	NPE0538-02	05/11/06 11:56
1,2-Dichloropropane	ND	62.8		ug/L	50.0	126%	75 - 131	5	17	6051523	NPE0538-02	05/11/06 11:56
2,2-Dichloropropane	ND	35.3		ug/L	50.0	71%	13 - 166	10	29	6051523	NPE0538-02	05/11/06 11:56
cis-1,3-Dichloropropene	ND	42.4		ug/L	50.0	85%	53 - 139	0.9	20	6051523	NPE0538-02	05/11/06 11:56
trans-1,3-Dichloropropene	ND	41.7		ug/L	50.0	83%	51 - 130	0.5	18	6051523	NPE0538-02	05/11/06 11:56
1,1-Dichloropropene	ND	60.0		ug/L	50.0	120%	73 - 134	11	23	6051523	NPE0538-02	05/11/06 11:56
Ethylbenzene	ND	54.6		ug/L	50.0	109%	74 - 134	0.4	21	6051523	NPE0538-02	05/11/06 11:56
Hexachlorobutadiene	ND	51.7		ug/L	50.0	103%	52 - 143	2	26	6051523	NPE0538-02	05/11/06 11:56
2-Hexanone	ND	244		ug/L	250	98%	58 - 138	0.8	18	6051523	NPE0538-02	05/11/06 11:56
Isopropylbenzene	ND	53.3		ug/L	50.0	107%	69 - 138	0.6	21	6051523	NPE0538-02	05/11/06 11:56
p-Isopropyltoluene	ND	51.2		ug/L	50.0	102%	66 - 141	0.4	21	6051523	NPE0538-02	05/11/06 11:56
Methyl tert-Butyl Ether	ND	56.6		ug/L	50.0	113%	58 - 151	11	28	6051523	NPE0538-02	05/11/06 11:56
Methylene Chloride	ND	58.4		ug/L	50.0	117%	69 - 138	11	19	6051523	NPE0538-02	05/11/06 11:56
4-Methyl-2-pentanone	ND	256		ug/L	250	102%	66 - 137	0.4	16	6051523	NPE0538-02	05/11/06 11:56
Naphthalene	ND	59.2		ug/L	50.0	118%	47 - 154	0.7	43	6051523	NPE0538-02	05/11/06 11:56
n-Propylbenzene	ND	54.8		ug/L	50.0	110%	67 - 140	0.7	21	6051523	NPE0538-02	05/11/06 11:56
Styrene	ND	50.2		ug/L	50.0	100%	64 - 138	0.2	24	6051523	NPE0538-02	05/11/06 11:56
1,1,1,2-Tetrachloroethane	ND	52.8		ug/L	50.0	106%	10 - 179	0.2	16	6051523	NPE0538-02	05/11/06 11:56
1,1,2,2-Tetrachloroethane	ND	50.5		ug/L	50.0	101%	65 - 134	0.2	23	6051523	NPE0538-02	05/11/06 11:56
Tetrachloroethene	ND	51.6		ug/L	50.0	103%	71 - 132	0.4	20	6051523	NPE0538-02	05/11/06 11:56
Toluene	ND	53.2		ug/L	50.0	106%	73 - 133	0.9	20	6051523	NPE0538-02	05/11/06 11:56
1,2,3-Trichlorobenzene	ND	66.4		ug/L	50.0	133%	57 - 142	2	38	6051523	NPE0538-02	05/11/06 11:56
1,2,4-Trichlorobenzene	ND	57.6		ug/L	50.0	115%	56 - 139	0.7	25	6051523	NPE0538-02	05/11/06 11:56
1,1,2-Trichloroethane	ND	49.6		ug/L	50.0	99%	78 - 125	2	15	6051523	NPE0538-02	05/11/06 11:56

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6051523-MSD1												
1,1,1-Trichloroethane	ND	59.7		ug/L	50.0	119%	66 - 142	11	25	6051523	NPE0538-02	05/11/06 11:56
Trichloroethene	ND	60.2		ug/L	50.0	120%	69 - 140	9	21	6051523	NPE0538-02	05/11/06 11:56
Trichlorofluoromethane	ND	56.7		ug/L	50.0	113%	57 - 149	12	23	6051523	NPE0538-02	05/11/06 11:56
1,2,3-Trichloropropane	ND	47.7		ug/L	50.0	95%	55 - 138	0.6	20	6051523	NPE0538-02	05/11/06 11:56
1,3,5-Trimethylbenzene	ND	55.0		ug/L	50.0	110%	65 - 140	0.4	23	6051523	NPE0538-02	05/11/06 11:56
1,2,4-Trimethylbenzene	ND	55.5		ug/L	50.0	111%	60 - 143	0.2	24	6051523	NPE0538-02	05/11/06 11:56
Vinyl chloride	ND	50.1		ug/L	50.0	100%	46 - 151	10	23	6051523	NPE0538-02	05/11/06 11:56
Xylenes, total	ND	166		ug/L	150	111%	68 - 139	0.6	23	6051523	NPE0538-02	05/11/06 11:56
Diisopropyl Ether	ND	57.2		ug/L	50.0	114%	67 - 139	10	17	6051523	NPE0538-02	05/11/06 11:56
Surrogate: 1,2-Dichloroethane-d4		56.5		ug/L	50.0	113%	70 - 130			6051523	NPE0538-02	05/11/06 11:56
Surrogate: Dibromofluoromethane		55.3		ug/L	50.0	111%	79 - 122			6051523	NPE0538-02	05/11/06 11:56
Surrogate: Toluene-d8		49.6		ug/L	50.0	99%	78 - 121			6051523	NPE0538-02	05/11/06 11:56
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	78 - 126			6051523	NPE0538-02	05/11/06 11:56

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	North Carolina
6010B/3030c	Water	N/A	X	X
EPA 625	Water	N/A	X	X
MADEP EPH	Water	N/A	X	X
MADEP VPH	Water	N/A	X	X
SM 6210D	Water	N/A	X	X
SW846 6010B	Water	N/A	X	X
SW846 7470A	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 8270C	Water	N/A	X	X

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Steve Hart

Work Order: NPE0487
Project Name: Hart & Hickman (NC)
Project Number: BHE-127 / Willard Industries
Received: 05/04/06 08:15

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.
L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L2 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R2 The RPD exceeded the acceptance limit.
R3 The RPD exceeded the acceptance limit due to sample matrix effects.
S10 Insufficient sample available for reanalysis.

METHOD MODIFICATION NOTES



Nashville Division
COOLER RECEIPT FORM



BC#

NPE0487

Cooler Received/Opened On 05/04/06 0815

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0125

☒ Fed-EX

☐ UPS

☐ Velocity

☐ DHL

☐ Route

☐ Off-street

☐ Misc.

2. Temperature of representative sample or temperature blank when opened: 2.2 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler? ☒ YES ☐ NO ☐ NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly? ☒ YES ☐ NO ☐ NA

5. Were custody papers inside cooler? ☒ YES ☐ NO ☐ NA

I certify that I opened the cooler and answered questions 1-5 (initial) DZ DZ

6. Were custody seals on containers: YES ☒ NO ☐ and Intact YES ☐ NO ☒ NA

were these signed, and dated correctly? YES ☐ NO ☒ NA

7. What kind of packing material used? ☒ Bubblewrap ☐ Peanuts ☐ Vermiculite ☐ Foam Insert

☐ Plastic bag ☐ Paper ☐ Other ☐ None

8. Cooling process: ☒ Ice ☐ Ice-pack ☐ Ice (direct contact) ☐ Dry ice ☐ Other ☐ None

9. Did all containers arrive in good condition (unbroken)? ☒ YES ☐ NO ☐ NA

10. Were all container labels complete (#, date, signed, pres., etc)? ☒ YES ☐ NO ☐ NA

11. Did all container labels and tags agree with custody papers? ☒ YES ☐ NO ☐ NA

12. a. Were VOA vials received? ☒ YES ☐ NO ☐ NA

b. Was there any observable head space present in any VOA vial? ☒ YES ☐ NO ☐ NA

I certify that I unloaded the cooler and answered questions 6-12 (initial) g

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? ☒ YES ☐ NO ☐ NA

b. Did the bottle labels indicate that the correct preservatives were used? ☒ YES ☐ NO ☐ NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present? ☒ YES ☐ NO ☐ NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial) g

15. Were custody papers properly filled out (ink, signed, etc)? ☒ YES ☐ NO ☐ NA

16. Did you sign the custody papers in the appropriate place? ☒ YES ☐ NO ☐ NA

17. Were correct containers used for the analysis requested? ☒ YES ☐ NO ☐ NA

18. Was sufficient amount of sample sent in each container? ☒ YES ☐ NO ☐ NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial) g

I certify that I attached a label with the unique LIMS number to each container (initial) g

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

Candace Collmar

From: Steve Hart [SHart@harthickman.com]
Sent: Wednesday, May 03, 2006 3:28 PM
To: Candace Collmar
Subject: RE: WILLARD IND.

Yes, please report MTBE and IPE. Thanks, Steve.

Steve Hart, PG
Hart & Hickman, PC
2923 S. Tryon St.
Suite 100
Charlotte, NC 28203
704-586-0007 (main ph)
704-586-0373 (fax)
704-887-4610 (direct dial)

From: Candace Collmar [mailto:CPatterson@testamericaInc.com]
Sent: Wednesday, May 03, 2006 3:23 PM
To: Steve Hart
Subject: WILLARD IND.

Hi Steve. I just picked up samples for Willard Ind. For the 8260, can you please tell me if you need IPE or MTBE?

Thanks,

Candace Collmar
Service Center Manager - Charlotte
TestAmerica Analytical Testing Corporation
704-392-1164
704-572-0164 cell

5/3/2006

Ben Wright

From: Jennifer Huckaba
Sent: Thursday, May 04, 2006 12:20 PM
To: nv-login
Subject: FW: h&h

This COC is in the cooler from TA-CHARLOTTE SERVICE CENTER FOR Hart & Hickman, but I inquired about the Pb on COC AND PER CANDACE COLLMAR WITH TA-CHARLOTTE, THE **Pb SHOULD BE 3030C METHOD.**

Please use this email as documentation.

TestAmerica Analytical Testing Corporation

Jennifer Huckaba
Project Manager for NC / SC & IN
Email: jhuckaba@testamericainc.com
Phone: 615-301-5042 / Fax: 615-726-3404
Web address: www.testamericainc.com

Shipping Address:
2960 Foster Creighton Drive
Nashville, TN 37204
Attn: Sample Receiving

This material is intended only for the use of the individual(s) or entity to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this e-mail is strictly prohibited. If you have received this communication in error, please, notify us immediately by e-mail or by phone (615-726-0177) and delete this material from any computer.

-----Original Message-----

From: Candace Collmar
Sent: Thursday, May 04, 2006 11:38 AM
To: Jennifer Huckaba
Subject: h&h

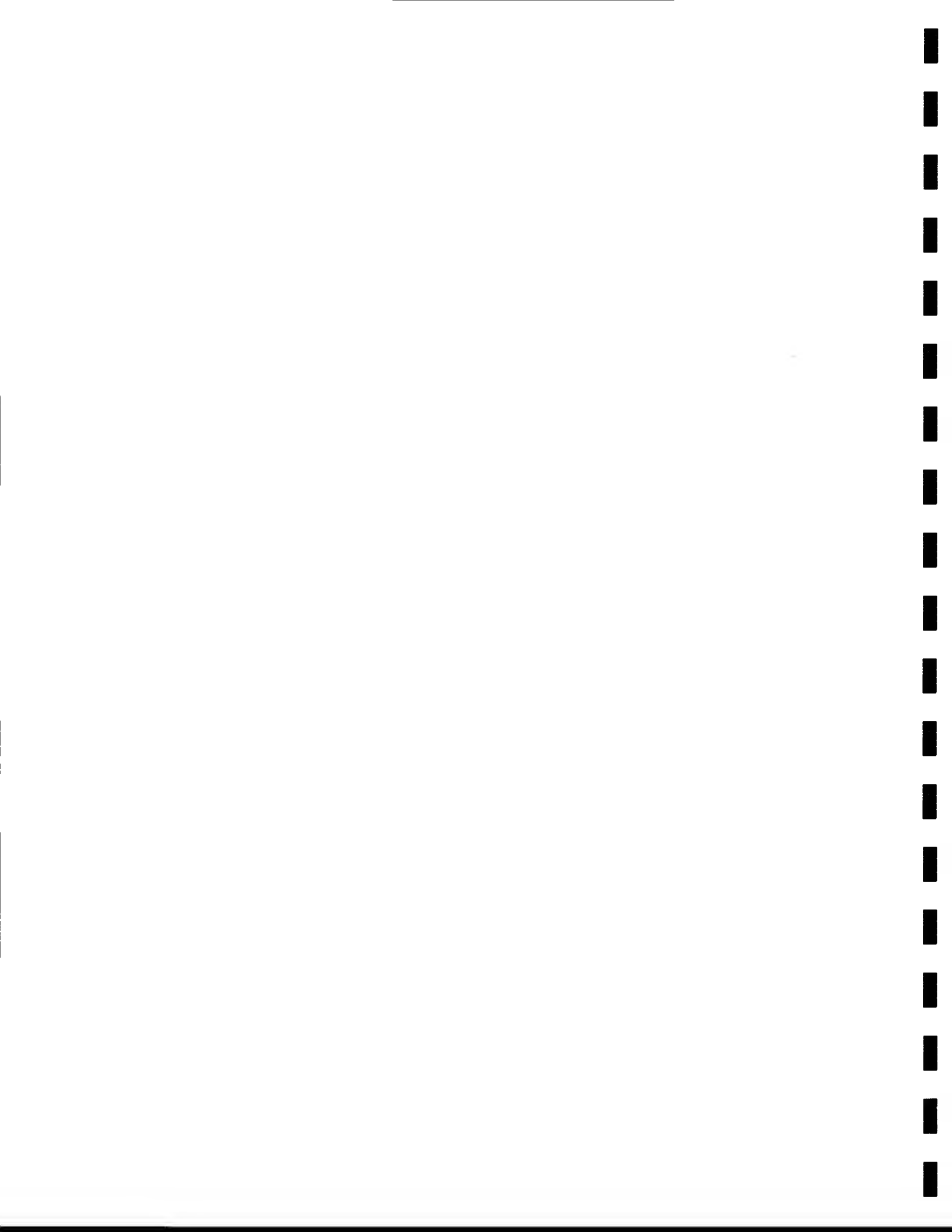
Please see attached COC & email for a project you received today. Let me know if you have any questions. Thanks!

Candace Collmar
Service Center Manager - Charlotte
TestAmerica Analytical Testing Corporation
704-392-1164
704-572-0164 cell

5/4/2006

Appendix D

**Brownfields Area Reconnaissance
and
Receptor Survey Guidance Form**



BROWNFIELDS AREA RECONNAISSANCE AND RECEPTOR SURVEY GUIDANCE FORM

This form was created to clarify and simplify preparing a receptor survey for a brownfield site. The form was designed to minimize unnecessary delays in processing brownfield applications. This is a guidance document only and Potential Developers may complete and submit their own receptor survey, if they desire.

General Instructions

- 1.) The shaded fields on the form marked "Applicable to Site" will be determined by the DENR Brownfields Project Manager on a site by site basis.
- 2.) The distances to potential receptors from the Property boundary will be determined by the DENR Brownfields Project Manager on a site by site basis.
- 3.) Distances are measured from the site Property Boundary unless otherwise indicated by the DENR Brownfield's Project Manager.

Site: Willard Lead Facility
 Address: 101 New Bern Street
 City: Charlotte
 County: Mecklenburg

Property Characteristics

<i>Provide Information for the following potential receptors</i>	<i>Current Usage</i>	<i>Proposed Usage</i>
Size of Property (acres)	4.78 acres	
% of property that is wooded	0 %	0 %
% of property that is scrub/shrub	0 %	0 %
% of property that is open land	0 %	0 %
% of property that is grass area	2 %	5 %
% of property that is agricultural crops	0 %	0 %
% of property that is barren	0 %	0 %
% of property that is used for commercial or industrial usage including paved areas	98 %	95 %

Surrounding Properties

<i>Applicable to Site (DENR Use Only)</i>	<i>Surrounding Properties Zoning/Land Use</i>	<i>Current Usage</i>	<i>Proposed Usage</i>
X	North	Blown-Rite Insulation	same
X	South	CATS Light Rail and Bus Maintenance Facility	same
X	East	Light Rail Corridor and 3030 South Condos	same
X	West	Commercial/Light Industrial Businesses	same



Potential Receptors - include depth to top, construction material and diameter of the utilities, if available

Applicable to Site (OENR Use Only)	Provide Information for the following potential receptors	Y/N	Field Verified	Date Verified	Distance	Direction	Depth
					Complete and attach map as appropriate		
X	Is a basement or subsurface foundation within 500 ft of the Property boundary?	N	Y	5/25/2006			
X	Is a school or daycare center within 1000 ft of the Property boundary?	N	Y	5/25/2006			
X	Is a storm sewer within 100 ft of the Property boundary?	N	Y	5/25/2006			
X	Is a sanitary sewer within 100 ft of the Property boundary?	Y	Y	5/25/2005	20 - 60 ft	NE, N, NW	
X	Is a septic system leach field within 500 ft of the Property boundary?	N	Y	5/25/2005			
X	Is a water line main within 100 ft of Property boundary?	Y	Y	5/25/2006	10 - 20 ft	NE, N, NW	
X	Is a natural gas line main within 100 ft of the Property boundary?	Y	Y	5/25/2006	25 - 50 ft	NE, N, NW	
X	Is a buried telephone/ cable main within 100 ft of the Property boundary?	Y	Y	5/25/2006	20 - 80 ft	E, SE	
X	Is a buried electrical cable main within 100 ft of Property boundary?	N	N	5/25/2006			

Local Water Supply

Public: Y Private: N

Potable Water Supplier Name: Charlotte Mecklenburg Utilities

Potable Water Supply Source: Mountain Island Lake and Lake Norman

Distance: > 5 miles Direction: NW

Potable Water Source Intake: Mountain Island Lake and Lake Norman

Distance: > 5 miles Direction: NW

Water Supply Wells

Applicable to Site (DENR Use Only)	Provide Information for the following potential receptors	Y/N	Field Verified	Date Verified	Distance	Direction	Depth
					Complete and attach map as appropriate		
X	Is a public water supply well within 1 mile of the Property boundary?	N	Y	5/25/2006			
X	Is a private water supply well within 1/2 mile of the Property boundary?	N	Y	5/25/2006			
X	Is a irrigation supply well within 1/2 mile of the Property boundary?	N	Y	5/25/2006			
X	Is a monitoring well within 1500 ft of the Property boundary?	Y	Y	5/25/2006	100 ft	N	



Water Bodies on Property

<i>Applicable to Site (DENR Use Only)</i>	<i>Provide Information for the following potential receptors</i>	<i>Comments</i>
X	Is water body naturally developed or man made?	N
X	List the uses of the water body	N/A
X	What is the source of the water for the water body	N/A
X	What is the nature of the bottom of the water body (e.g., rocky or concrete bottom, drainage ways or impoundments)	N/A
X	Are there any wetlands present on the property?	N

Surface Water Body

<i>Applicable to Site (DENR Use Only)</i>	<i>Provide Information for the following potential receptors</i>	<i>Y/N</i>	<i>Name</i>	<i>Type</i>	<i>Distance</i>	<i>Direction</i>	<i>Depth</i>
					<i>Complete and attach map as appropriate</i>		
X	Are there surface waters located within 500 ft of the Property boundary?	N					
	<i>Additional water bodies, if needed</i>						

Additional Requests/ Observations

<i>Applicable to Site (DENR Use Only)</i>	<i>Provide Information for the following potential receptors</i>	<i>Comments</i>

